



## ***Linux Ubuntu 26.04 Manual Pages on command 'gnub2sum.1'***

***\$ man gnub2sum.1***

B2SUM(1)

User Commands

B2SUM(1)

### NAME

b2sum - compute and check BLAKE2 message digest

### SYNOPSIS

b2sum [OPTION]... [FILE]...

### DESCRIPTION

Print or check BLAKE2b (512-bit) checksums.

With no FILE, or when FILE is -, read standard input.

Mandatory arguments to long options are mandatory for short options too.

-b, --binary

read in binary mode

-c, --check

read checksums from the FILES and check them

-l, --length=BITS

digest length in bits; must not exceed the max for the blake2 algorithm and must be a multiple of 8

--tag create a BSD-style checksum

-t, --text

read in text mode (default)

-Z, --zero

end each output line with NUL, not newline, and disable file name escaping

The following five options are useful only when verifying checksums:

--ignore-missing

don't fail or report status for missing files

--quiet

don't print OK for each successfully verified file

--status

don't output anything, status code shows success

--strict

exit non-zero for improperly formatted checksum lines

-w, --warn

warn about improperly formatted checksum lines

--help display this help and exit

--version

output version information and exit

The sums are computed as described in RFC 7693. When checking, the input should be a former output of this program. The default mode is to print a line with: checksum, a space, a character indicating input mode ('\*' for binary, ' ' for text or where binary is insignificant), and name for each FILE.

There is no difference between binary mode and text mode on GNU systems.

## AUTHOR

Written by Pádraig Brady and Samuel Neves.

## REPORTING BUGS

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report any translation bugs to <<https://translationproject.org/team/>>

## SEE ALSO

cksum(1)

Full documentation <<https://www.gnu.org/software/coreutils/b2sum>>

or available locally via: info '(coreutils) b2sum invocation'

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