Converting Colors

Hex(B4D053)

Have a look what the booklet for Hex(B4D053) contains.

Hex(B4D053) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(B4D053)

Conversions

Conversions Part 1

Format	Color
Hex	B4D053
RGB	180, 208, 83
RGB Percent	71%, 82%, 33%
CMY	0.2941, 0.1843, 0.6745
CMYK	0.13, 0.00, 0.60, 0.18
HSL	73°, 57%, 57%
HSV	73°, 60%, 82%
XYZ	42.9396, 55.4396, 16.6214
YIQ	185.3780, 23.4370, -44.8110

Conversions

Conversions Part 2

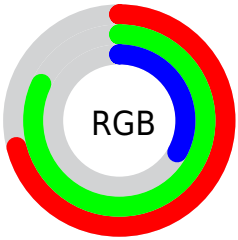
Format	Color
RYB	83, 208, 111
Decimal	11849811
CIELab	79.29, -27.09, 57.41
CIELCh	79, 63.482, 115.263
Yxy	55.4396, 0.3734, 0.4821
Android (android.graphics.Color)	4290039891 (0xFFB4D053)
YUV	185.3780, -50.4724, -4.7165
Hunter-Lab	74.4578, -27.3606, 38.8850

Details

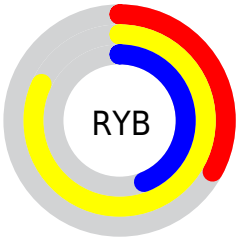
The Hex color B4D053 is a light color, and the websafe version is hex 99CC33. The color can be described as light muted chartreuse. A complement of this color would be 6F53D0, and the grayscale version is BABABA.

A 20% lighter version of the original color is EEFF89, and 7C9A19 is the 20% darker color. If you saturate the color by 10%, you get AFD03E, and if you desaturate by 10%, it is B9D068.

Distribution

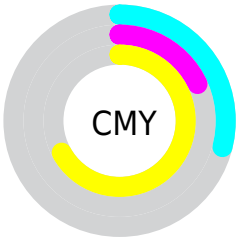


- Red (71%)
- Green (82%)
- Blue (33%)



- Red (33%)
- Yellow (82%)
- Blue (44%)

- Cyan (13%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D053 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B4D053 by changing the saturation by 10% instead.

B4D053

FFFFFF

EEFF89

FFFFA5

FFFFC1

FFFFDD

FFFFFB

B4D053

B4D053

98B438

7C9A19

618000

476600

2C4E00

0F3700

002200

000000

B4D053

B4D053

AFD03E

ABD029

A6D015

A1D000

B9D068

BDD07D

C2D091

C7D0A6

CBD0BB

D0D0D0

D5D0E5

D9D0F9

DED0FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

EEBE49

B4D053

69DC7E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

B4D053

00DBFF

FF91D0

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

B4D053

6F53D0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

FFA1FF

B4D053

00CEFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

B4D053

00E1F5

B8B9FF

FF9595

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

B4D053

00E0A4

B8B9FF

FF94E4

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

B4D053

F5FFD1

D06E53

798063

000000

808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

B4D053

D6FF47

76D053

66695E

83A800

202900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

6F53D0

7147FF

AD53D0

605E69

2600A8

090029

Previews

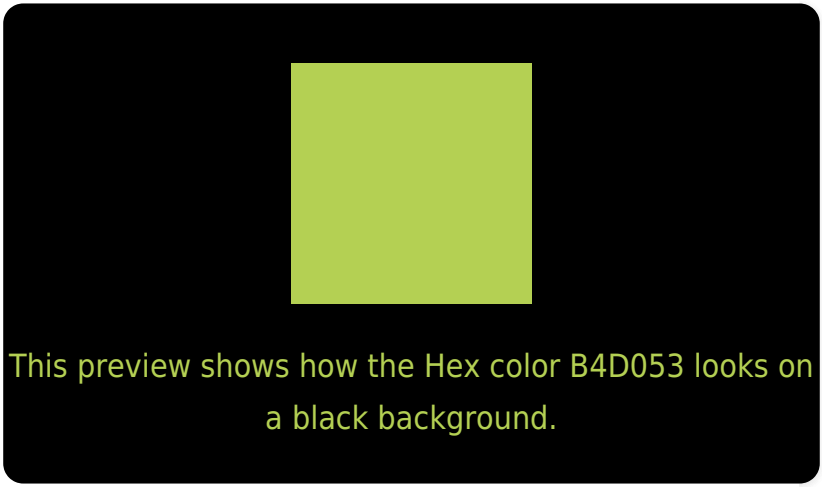
White Background

This preview shows how the Hex color B4D053 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex B4D053 Background

This preview shows how black text looks on a background with the Hex color B4D053.

This preview shows how white text looks on a background with the Hex color B4D053.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
B4D053

Protanopia
DAC450

Deuteranopia
F2BA59

Tritanopia
C2C3D2

Trichromacy

Original Color
B4D053

Protanomaly
CCC851

Deuteranomaly
DBC257

Tritanomaly
BDC8A4

Monochromacy

Original Color
B4D053

Achromatopsia
B9B9B9

Achromatomaly
B7C194

CSS Examples

Text

The CSS property to change the color of the text to Hex B4D053 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B4D053 looks like.

```
.text, #text, p{
    color:#B4D053
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel #B4D053 colored shadow looks like.

Here you see how black text with a 4 pixel #B4D053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D053 }
```

Border

The CSS property to change the border of an element to Hex B4D053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B4D053 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#B4D053 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B4D053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #B4D053; -webkit-box-shadow:4px 4px 4px 4px #B4D053; box-shadow:4px 4px 4px 4px #B4D053 }
```

Background

The CSS property to change the background color of an element to Hex B4D053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#B4D053 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B4D053 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor