

Converting Colors

Hex(50B012)

Have a look what the booklet for
Hex(50B012) contains.

Hex(50B012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50B012)

Conversions

Conversions Part 1

Format	Color
Hex	50B012
RGB	80, 176, 18
RGB Percent	31%, 69%, 7%
CMY	0.6863, 0.3098, 0.9294
CMYK	0.55, 0.00, 0.90, 0.31
HSL	96°, 81%, 38%
HSV	96°, 90%, 69%
XYZ	18.9428, 32.7998, 5.9049
YIQ	129.2840, -6.4980, -69.4900

Conversions

Conversions Part 2

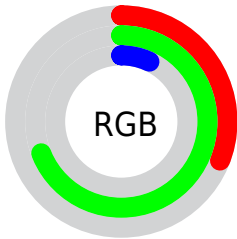
Format	Color
RYB	18, 176, 114
Decimal	5287954
CIELab	64.00, -52.76, 62.23
CIELCh	64, 81.583, 130.295
Yxy	32.7998, 0.3286, 0.5690
Android (android.graphics.Color)	4283478034 (0xFF50B012)
YUV	129.2840, -54.8630, -43.2221
Hunter-Lab	57.2711, -41.1845, 33.9768

Details


The Hex color **50B012** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7212B0**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BE852**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **45B000**, and if you desaturate by 10%, it is **5BB024**.

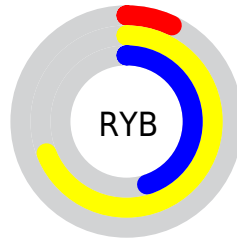
Distribution



 Red (31%)

 Green (69%)

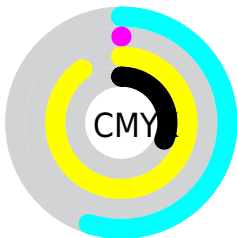
 Blue (7%)




 Red (7%)

 Yellow (69%)

 Blue (45%)

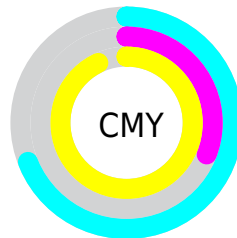


 Cyan (55%)

 Magenta (0%)

 Yellow (90%)

 Black (31%)



 Cyan (69%)

 Magenta (31%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B012 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 50B012 by changing the saturation by 10% instead.

 50B012

 50B012

FFFFFF

 2F9500

 8BE852

 007A00

 A8FF6E

 006100

 C6FF8A

 004800

 E3FFA6

 003100

 FFFFC2

 001700

 FFFFDF

 000000

 FFFFFC

 50B012

 50B012

■ 45B000

■ 5BB024

■ 65B035

■ 70B047

■ 7BB058

■ 85B06A

■ 90B07C

■ 9BB08D

■ A6B09F

■ B0B0B0

Harmonies

Analogous

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



A4A000



50B012



00B867

Triad

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



50B012



00B0FF



FF4585

Complementary

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



50B012



7212B0

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.



FF54CE



50B012



009CFF

Square

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



50B012



00BAF8



BC7BFF



FF6240

Rectangle

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



50B012



00BB9A



BC7BFF



FF459E

Sweetspot

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



50B012



C0E6A8



B07112



5C734E



F2F2F2



737373

Same Dimension

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



50B012



5AE600



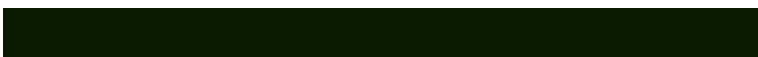
12B022



545950



3C9900



0A1A00

Inverse Universe

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



7212B0



8B00E6



B012A0



565059



5D0099



0F001A

Previews

White Background



This preview shows how the Hex color 50B012 looks on a white background.

Color Contrast Check

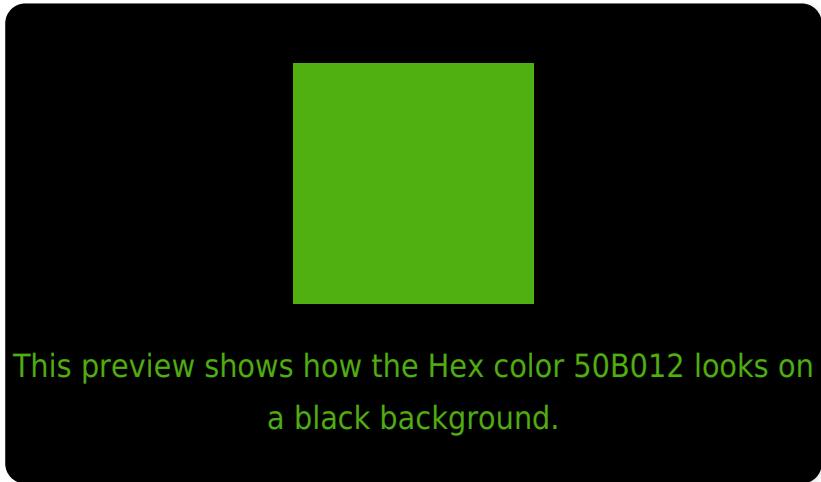
Large Text (above 18pt) WCAG AA × Fail

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 50B012 Background



This preview shows how black text looks on a background with the Hex color 50B012.

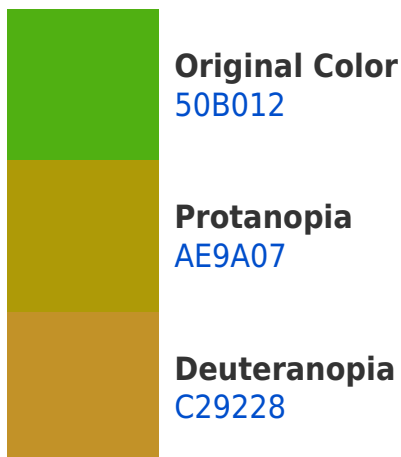


This preview shows how white text looks on a background with the Hex color 50B012.

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](#).

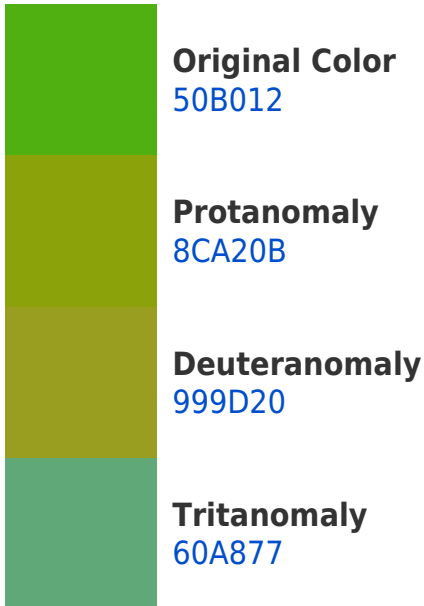
Dichromacy





Tritanopia
69A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50B012 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 #50B012 looks like.

```
.text, #text, p{  
    color:#50B012  
}
```

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 #50B012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B012
}
```

Border

The CSS property to change the border of an element to Hex 50B012 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
#50B012 }
```

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

```
.border{ border-color:#50B012 }
```

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

Here you see how a box with a 4 pixel #50B012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B012; -webkit-box-shadow:4px 4px  
4px 4px #50B012; box-shadow:4px 4px 4px  
4px #50B012 }
```

Background

The CSS property to change the background color of an element to Hex 50B012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B012 }
```

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

```
.background{ background-color:#50B012 }
```

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](#).

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