

Converting Colors

Hex(50C40D)

Have a look what the booklet for
Hex(50C40D) contains.

Hex(50C40D)	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(50C40D)

Conversions

Conversions Part 1

Format	Color
Hex	50C40D
RGB	80, 196, 13
RGB Percent	31%, 77%, 5%
CMY	0.6863, 0.2314, 0.9490
CMYK	0.59, 0.00, 0.93, 0.23
HSL	98°, 88%, 41%
HSV	98°, 93%, 77%
XYZ	23.1208, 41.2144, 7.1173
YIQ	140.4540, -10.3930, -81.5050

Conversions

Conversions Part 2

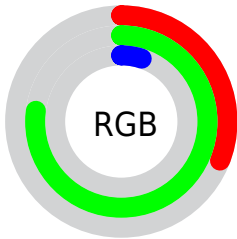
Format	Color
RYB	13, 196, 129
Decimal	5293069
CIELab	70.33, -59.97, 68.27
CIElCh	70, 90.872, 131.297
Yxy	41.2144, 0.3236, 0.5768
Android (android.graphics.Color)	4283483149 (0xFF50C40D)
YUV	140.4540, -62.8348, -53.0182
Hunter-Lab	64.1984, -48.0611, 38.3657

Details

The Hex color **50C40D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **810DC4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8EFE54**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **48C400**, and if you desaturate by 10%, it is **5CC421**.

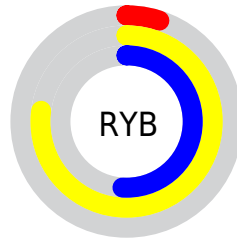
Distribution



Red (31%)

Green (77%)

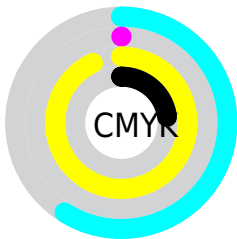
Blue (5%)



Red (5%)

Yellow (77%)

Blue (51%)

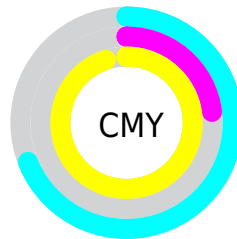


Cyan (59%)

Magenta (0%)

Yellow (93%)

Black (23%)



Cyan (69%)

Magenta (23%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C40D 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 50C40D by changing the saturation by 10% instead.

 50C40D

 50C40D

FFFFFF

 2BA800

 8EFE54

 008D00

 ACFF71

 007200

 CAFF8D

 005900

 E8FFA9

 004000

 FFFFC6

 002900

 FFFF E3

 000200

 000000

 50C40D

 50C40D

 48C400

 5CC421

 69C434

 75C448

 82C45B

 8EC46F

 9BC483

 A7C496

 B3C4AA

 C0C4BD

Harmonies

Analogous

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



B2B200



50C40D



00CD73

Triad

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



50C40D



00C4FF



FF4791

Complementary

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



50C40D



810DC4

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.



FF57E3



50C40D



00ACFF

Square

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



50C40D



00CEFF



D486FF



FF6B41

Rectangle

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



50C40D



00D0AD



D486FF



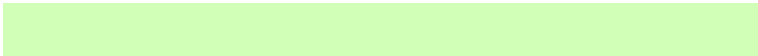
FF45AC

Sweetspot

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



50C40D



D2FFB8



C4810D



648054



000000



808080

Same Dimension

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



50C40D



5DFF00



0DC425



5B6157



3BA100



0C2100

Inverse Universe

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



810DC4



A200FF



C40DAC



5D5761



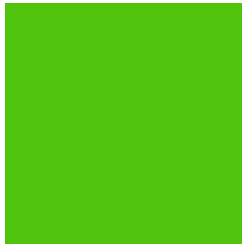
6600A1



150021

Previews

White Background



This preview shows how the Hex color 50C40D looks on a white background.

Color Contrast Check

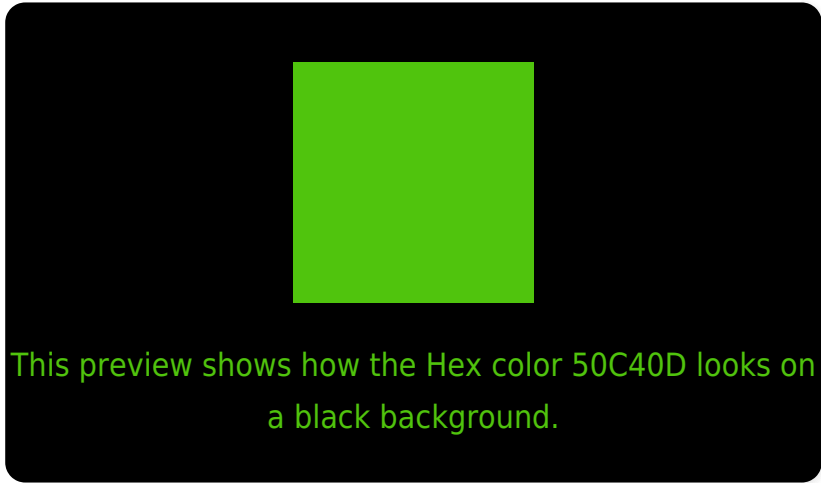
Large Text (above 18pt) WCAG AA × Fail

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 50C40D Background



This preview shows how black text looks on a background with the Hex color 50C40D.

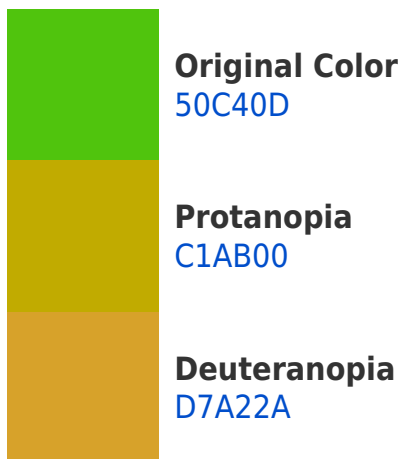


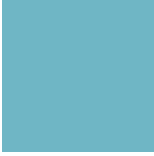
This preview shows how white text looks on a background with the Hex color 50C40D.

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](#).

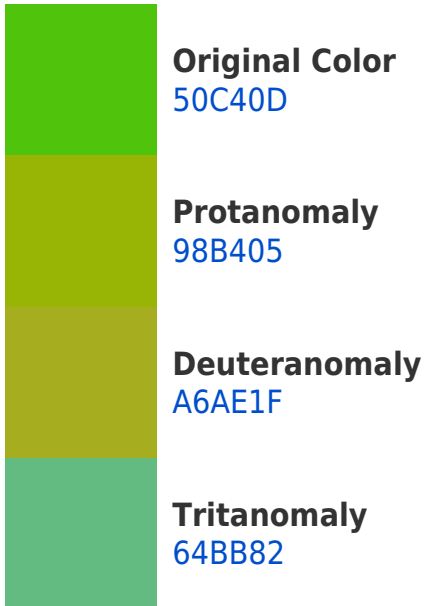
Dichromacy



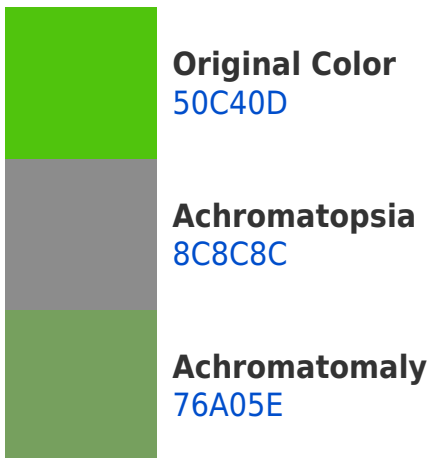


Tritanopia
6FB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50C40D 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 #50C40D looks like.

```
.text, #text, p{  
    color:#50C40D  
}
```

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 #50C40D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C40D
}
```

Border

The CSS property to change the border of an element to Hex 50C40D 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
#50C40D }
```

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

```
.border{ border-color:#50C40D }
```

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

Here you see how a box with a 4 pixel #50C40D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C40D; -webkit-box-shadow:4px 4px  
4px 4px #50C40D; box-shadow:4px 4px 4px  
4px #50C40D }
```

Background

The CSS property to change the background color of an element to Hex 50C40D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C40D }
```

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

```
.background{ background-color:#50C40D }
```

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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