

Converting Colors

Hex(50B715)

Have a look what the booklet for
Hex(50B715) contains.

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Color

Hex(50B715)

Conversions

Conversions Part 1

Format	Color
Hex	50B715
RGB	80, 183, 21
RGB Percent	31%, 72%, 8%
CMY	0.6863, 0.2824, 0.9176
CMYK	0.56, 0.00, 0.89, 0.28
HSL	98°, 79%, 40%
HSV	98°, 89%, 72%
XYZ	20.3771, 35.6266, 6.5121
YIQ	133.7350, -9.3860, -72.2180

Conversions

Conversions Part 2

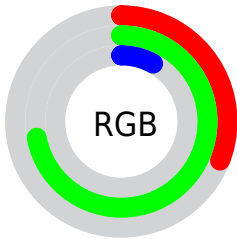
Format	Color
RYB	21, 183, 124
Decimal	5289749
CIELab	66.23, -55.20, 63.57
CIELCh	66, 84.192, 130.971
Yxy	35.6266, 0.3260, 0.5699
Android (android.graphics.Color)	4283479829 (0xFF50B715)
YUV	133.7350, -55.5784, -47.1256
Hunter-Lab	59.6880, -43.5153, 35.3129

Details

The Hex color **50B715** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7C15B7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8CF055**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **44B703**, and if you desaturate by 10%, it is **5CB727**.

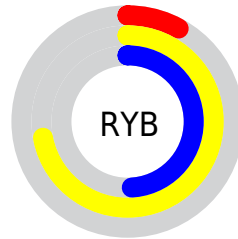
Distribution



Red (31%)

Green (72%)

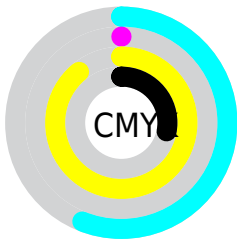
Blue (8%)



Red (8%)

Yellow (72%)

Blue (49%)

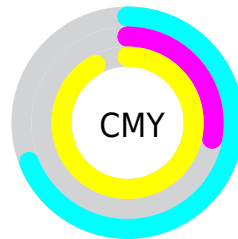


Cyan (56%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (69%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B715 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 50B715 by changing the saturation by 10% instead.

 50B715

 50B715

FFFFFF

 2E9C00

 8CF055

 008100

 A9FF71

 006700

 C7FF8D

 004E00

 E5FFA9

 003600

 FFFFC5

 001E00

 FFFFE2

 000000

 50B715

 50B715

 44B703

 5CB727

 43B700

 67B73A

 73B74C

 7FB75E

 8AB771

 96B783

 A1B795

 ADB7A7

 B9B7BA

Harmonies

Analogous

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



A8A700



50B715



00BF6C

Triad

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



50B715



00B7FF



FF4889

Complementary

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



50B715



7C15B7

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.



FF56D4



50B715



00A1FF

Square

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



50B715



00C0FF



C57FFF



FF6640

Rectangle

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



50B715



00C2A1



C57FFF



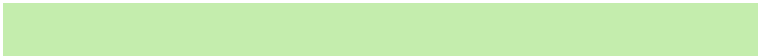
FF47A2

Sweetspot

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



50B715



C4EDAD



B77C15



5F7851



F7F7F7



787878

Same Dimension

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



50B715



56ED00



15B72B



565C53



399C00



0A1C00

Inverse Universe

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



7C15B7



9700ED



B715A1



58535C



63009C



12001C

Previews

White Background



This preview shows how the Hex color 50B715 looks on a white background.

Color Contrast Check

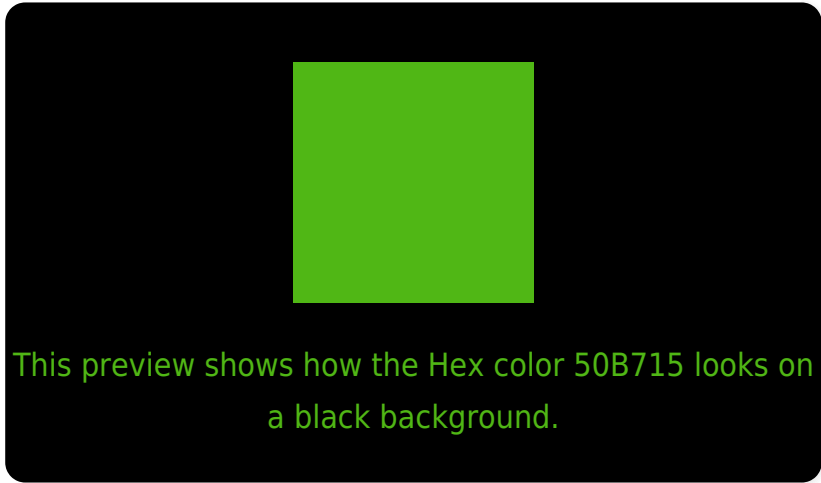
Large Text (above 18pt) WCAG AA × Fail

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 50B715 Background



This preview shows how black text looks on a background with the Hex color 50B715.

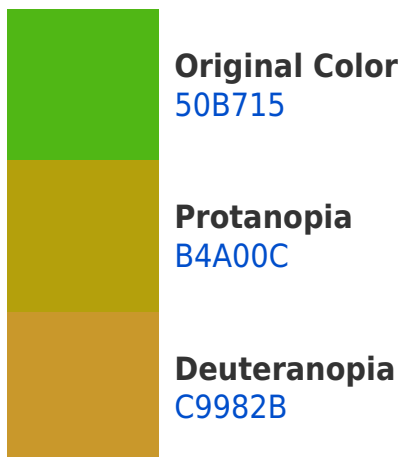


This preview shows how white text looks on a background with the Hex color 50B715.

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
6BAAB8

Trichromacy



Original Color
50B715



Protanomaly
90A80F



Deuteranomaly
9DA323



Tritanomaly
61AF7D

Monochromacy



Original Color
50B715



Achromatopsia
868686



Achromatomaly
72985D

CSS Examples

Text

The CSS property to change the color of the text to Hex 50B715 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 #50B715 looks like.

```
.text, #text, p{  
    color:#50B715  
}
```

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 #50B715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B715
}
```

Border

The CSS property to change the border of an element to Hex 50B715 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
#50B715 }
```

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

```
.border{ border-color:#50B715 }
```

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

Here you see how a box with a 4 pixel #50B715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B715; -webkit-box-shadow:4px 4px  
4px 4px #50B715; box-shadow:4px 4px 4px  
4px #50B715 }
```

Background

The CSS property to change the background color of an element to Hex 50B715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B715 }
```

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

```
.background{ background-color:#50B715 }
```

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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