

Converting Colors

Hex(78C51B)

Have a look what the booklet for
Hex(78C51B) contains.

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Color

Hex(78C51B)

Conversions

Conversions Part 1

Format	Color
Hex	78C51B
RGB	120, 197, 27
RGB Percent	47%, 77%, 11%
CMY	0.5294, 0.2275, 0.8941
CMYK	0.39, 0.00, 0.86, 0.23
HSL	87°, 76%, 44%
HSV	87°, 86%, 77%
XYZ	27.9098, 44.0047, 8.0597
YIQ	154.5970, 8.6780, -69.1940

Conversions

Conversions Part 2

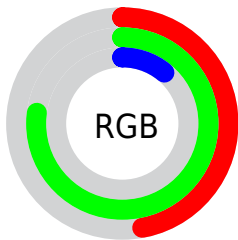
Format	Color
RYB	27, 197, 104
Decimal	7914779
CIELab	72.23, -47.97, 68.15
CIELCh	72, 83.341, 125.144
Yxy	44.0047, 0.3490, 0.5502
Android (android.graphics.Color)	4286104859 (0xFF78C51B)
YUV	154.5970, -62.9053, -30.3416
Hunter-Lab	66.3360, -40.9871, 39.2316

Details

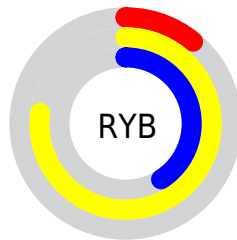
The Hex color **78C51B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **681BC5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2FE5B**, and **3D8E00** is the 20% darker color. If you saturate the color by 10%, you get **6FC507**, and if you desaturate by 10%, it is **81C52F**.

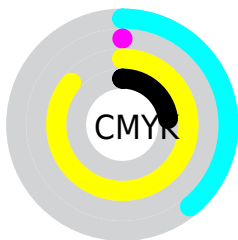
Distribution



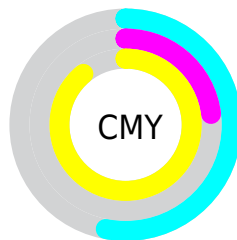
- Red (47%)
- Green (77%)
- Blue (11%)



- Red (11%)
- Yellow (77%)
- Blue (41%)



- Cyan (39%)
- Magenta (0%)
- Yellow (86%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C51B 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 78C51B by changing the saturation by 10% instead.

 78C51B

 78C51B

FFFFFF

 5BA900

 B2FE5B

 3D8E00

 CFFF77

 1A7400

 EDFF93

 005B00

 FFFF80

 004300

 FFFFC8

 002D00

 FFFF99

 000F00

 000000

 78C51B

 78C51B

 6FC507

 81C52F

 6CC500

 8AC542

 93C556

 9CC56A

 A5C57E

 AEC591

 B6C5A5

 BFC5B9

 C8C5CC

Harmonies

Analogous

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



C8B200



78C51B



00CF6D

Triad

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



78C51B



00CAFF



FF5DA7

Complementary

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



78C51B



681BC5

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.



FF71F3



78C51B



00B6FF

Square

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



78C51B



00D2FF



C196FF



FF725E

Rectangle

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



78C51B



00D3A2



C196FF



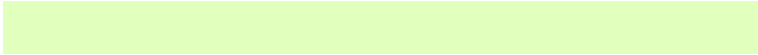
FF5FC1

Sweetspot

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



78C51B



E1FFBD



C5681B



6E8058



000000



808080

Same Dimension

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



78C51B



8BFF00



23C51B



5F635A



59A300



142400

Inverse Universe

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



681BC5



7400FF



BC1BC5



5E5A63



4A00A3



100024

Previews

White Background



This preview shows how the Hex color 78C51B looks on a white background.

Color Contrast Check

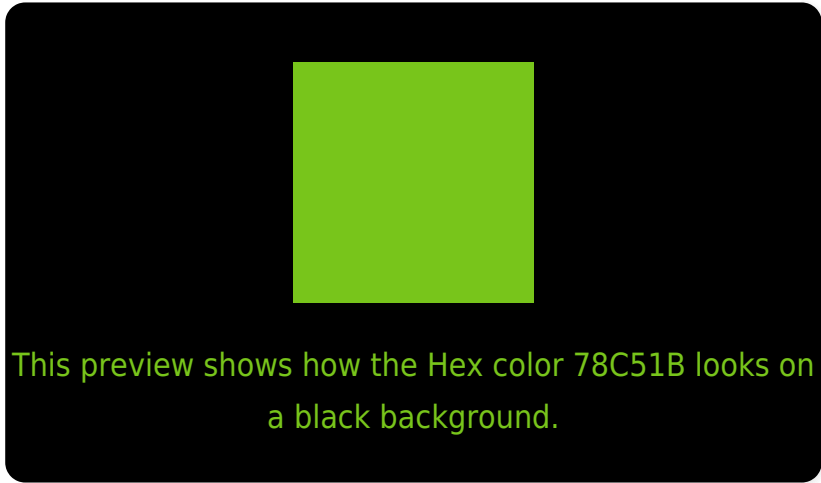
Large Text (above 18pt) WCAG AA × Fail

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 78C51B Background



This preview shows how black text looks on a background with the Hex color 78C51B.

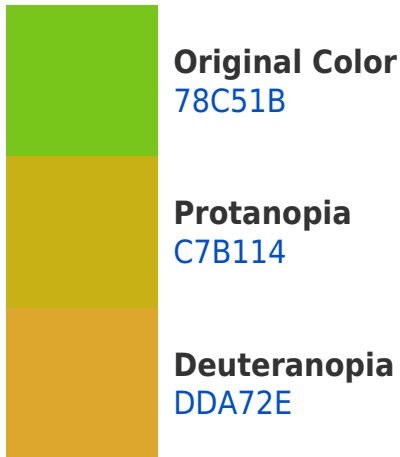


This preview shows how white text looks on a background with the Hex color 78C51B.

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](#).

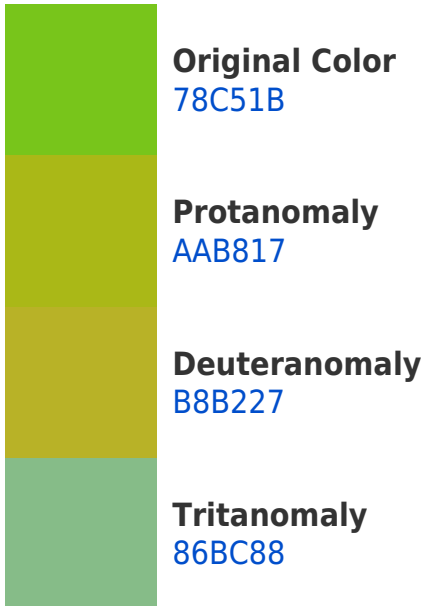
Dichromacy



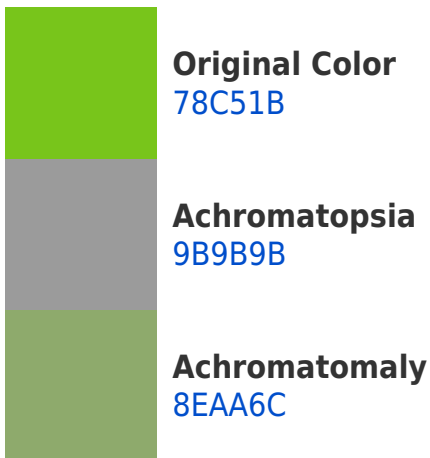


Tritanopia
8EB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C51B 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 #78C51B looks like.

```
.text, #text, p{  
    color:#78C51B  
}
```

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 #78C51B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C51B
}
```

Border

The CSS property to change the border of an element to Hex 78C51B 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
#78C51B }
```

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

```
.border{ border-color:#78C51B }
```

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

Here you see how a box with a 4 pixel #78C51B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C51B; -webkit-box-shadow:4px 4px  
4px 4px #78C51B; box-shadow:4px 4px 4px  
4px #78C51B }
```

Background

The CSS property to change the background color of an element to Hex 78C51B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C51B }
```

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

```
.background{ background-color:#78C51B }
```

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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