

Converting Colors

Hex(5FCC15)

Have a look what the booklet for
Hex(5FCC15) contains.

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Color

Hex(5FCC15)

Conversions

Conversions Part 1

Format	Color
Hex	5FCC15
RGB	95, 204, 21
RGB Percent	37%, 80%, 8%
CMY	0.6275, 0.2000, 0.9176
CMYK	0.53, 0.00, 0.90, 0.20
HSL	96°, 81%, 44%
HSV	96°, 90%, 80%
XYZ	26.4475, 45.6728, 8.1313
YIQ	150.5470, -6.2210, -80.0210

Conversions

Conversions Part 2

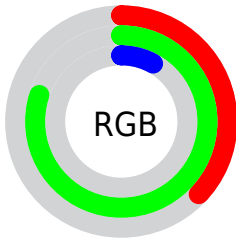
Format	Color
RYB	21, 204, 130
Decimal	6278165
CIELab	73.33, -58.63, 69.80
CIELCh	73, 91.155, 130.029
Yxy	45.6728, 0.3296, 0.5691
Android (android.graphics.Color)	4284468245 (0xFF5FCC15)
YUV	150.5470, -63.8667, -48.7147
Hunter-Lab	67.5816, -48.4133, 40.1735

Details

The Hex color **5FCC15** 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 **8215CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9CFF59**, and **109500** is the 20% darker color. If you saturate the color by 10%, you get **53CC01**, and if you desaturate by 10%, it is **6BCC29**.

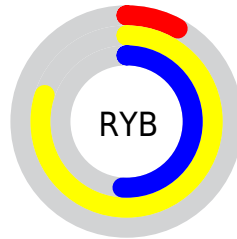
Distribution



Red (37%)

Green (80%)

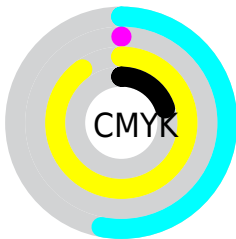
Blue (8%)



Red (8%)

Yellow (80%)

Blue (51%)

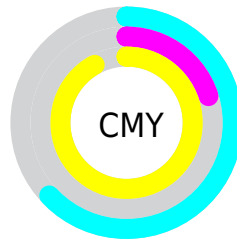


Cyan (53%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (63%)

Magenta (20%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FCC15 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 5FCC15 by changing the saturation by 10% instead.

 5FCC15

 5FCC15

FFFFFF

 3EB000

 9CFF59

 109500

 BAFF75

 007A00

 D8FF92

 006000

 F6FFAF

 004700

 FFFFCB

 003100

 FFFF E9

 001400

 000000

 5FCC15

 5FCC15

 53CC01

 6BCC29

 52CC00

 77CC3E

 83CC52

 90CC67

 9CCC7B

 A8CC8F

 B4CCA4

 C0CCB8

 CCCCCD

Harmonies

Analogous

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



BFB900



5FCC15



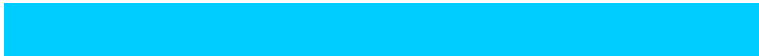
00D677

Triad

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



5FCC15



00CDFE



FF519C

Complementary

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



5FCC15



8215CC

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.



FF63EF



5FCC15



00B5FF

Square

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



5FCC15



00D7FF



D88FFF



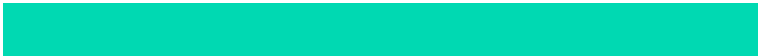
FF724C

Rectangle

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



5FCC15



00D9B2



D88FFF



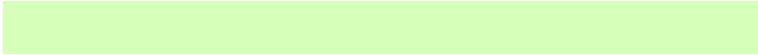
FF51B8

Sweetspot

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



5FCC15



D6FFBA



CC8015



678057



000000



808080

Same Dimension

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



5FCC15



67FF00



15CC24



60665C



43A600



0F2600

Inverse Universe

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



8215CC



9800FF



CC15BD



625C66



6300A6



170026

Previews

White Background



This preview shows how the Hex color 5FCC15 looks on a white background.

Color Contrast Check

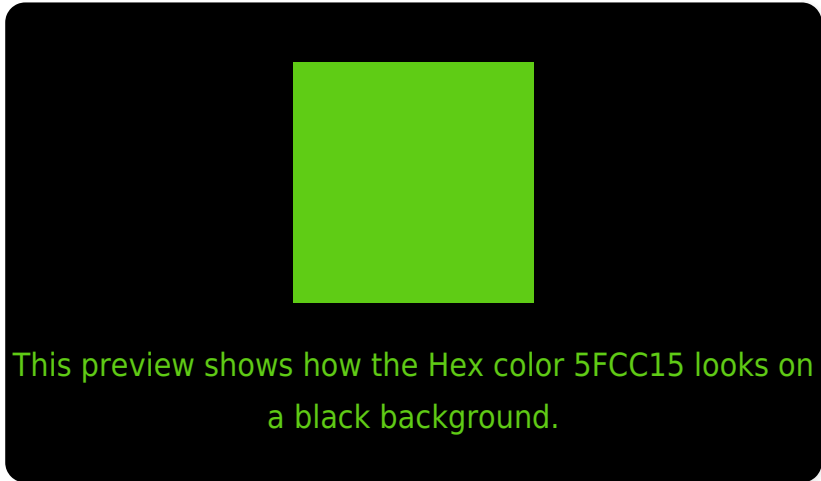
Large Text (above 18pt) WCAG AA × Fail

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 5FCC15 Background



This preview shows how black text looks on a background with the Hex color 5FCC15.

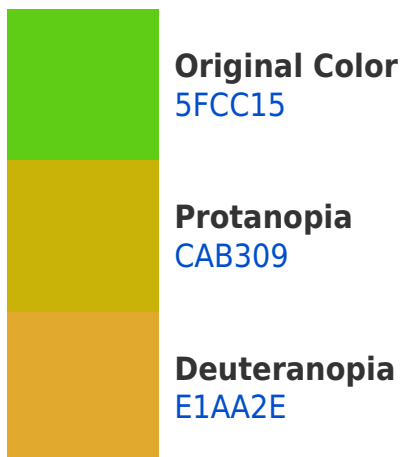


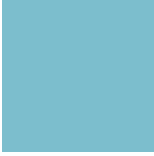
This preview shows how white text looks on a background with the Hex color 5FCC15.

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





Trichromacy



Original Color
5FCC15



Protanomaly
A3BC0D



Deuteranomaly
B2B625



Tritanomaly
71C38A

Monochromacy



Original Color
5FCC15



Achromatopsia
979797



Achromatomaly
83AA68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FCC15 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 #5FCC15 looks like.

```
.text, #text, p{  
    color:#5FCC15  
}
```

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 #5FCC15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCC15
}
```

Border

The CSS property to change the border of an element to Hex 5FCC15 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
#5FCC15 }
```

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

```
.border{ border-color:#5FCC15 }
```

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

Here you see how a box with a 4 pixel #5FCC15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCC15; -webkit-box-shadow:4px 4px  
4px 4px #5FCC15; box-shadow:4px 4px 4px  
4px #5FCC15 }
```

Background

The CSS property to change the background color of an element to Hex 5FCC15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCC15 }
```

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

```
.background{ background-color:#5FCC15 }
```

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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