

Converting Colors

Hex(55C211)

Have a look what the booklet for
Hex(55C211) contains.

Hex(55C211)	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(55C211)

Conversions

Conversions Part 1

Format	Color
Hex	55C211
RGB	85, 194, 17
RGB Percent	33%, 76%, 7%
CMY	0.6667, 0.2392, 0.9333
CMYK	0.56, 0.00, 0.91, 0.24
HSL	97°, 84%, 41%
HSV	97°, 91%, 76%
XYZ	23.1393, 40.5553, 7.1387
YIQ	141.2310, -8.1470, -78.1550

Conversions

Conversions Part 2

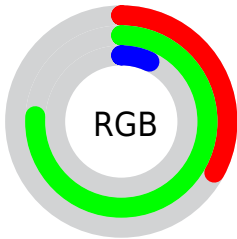
Format	Color
RYB	17, 194, 126
Decimal	5620241
CIELab	69.86, -57.89, 67.39
CIELCh	70, 88.847, 130.664
Yxy	40.5553, 0.3267, 0.5725
Android (android.graphics.Color)	4283810321 (0xFF55C211)
YUV	141.2310, -61.2459, -49.3146
Hunter-Lab	63.6831, -46.5873, 37.9319

Details

The Hex color **55C211** 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 **7E11C2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **92FB55**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **4BC200**, and if you desaturate by 10%, it is **61C224**.

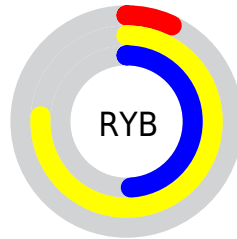
Distribution



Red (33%)

Green (76%)

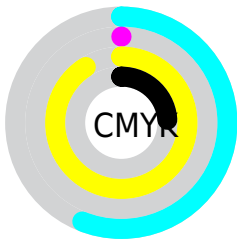
Blue (7%)



Red (7%)

Yellow (76%)

Blue (49%)

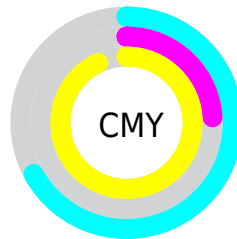


Cyan (56%)

Magenta (0%)

Yellow (91%)

Black (24%)



Cyan (67%)

Magenta (24%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C211 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 55C211 by changing the saturation by 10% instead.

 55C211

 55C211

FFFFFF

 33A600

 92FB55

 008B00

 B0FF72

 007100

 CDFF8E

 005700

 ECFFAA

 003E00

 FFFFC7

 002800

 FFFFE4

 000000

 55C211

 55C211

 4BC200

 61C224

 6DC238

 79C24B

 85C25F

 91C272

 9DC285

 A9C299

 B5C2AC

 C1C2C0

Harmonies

Analogous

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



B3B000



55C211



00CB72

Triad

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



55C211



00C2FF



FF4A92

Complementary

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



55C211



7E11C2

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.



FF5AE2



55C211



00ABFF

Square

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



55C211



00CCFF



D086FF



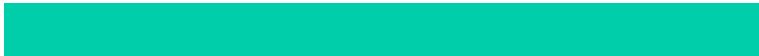
FF6B44

Rectangle

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



55C211



00CEAA



D086FF



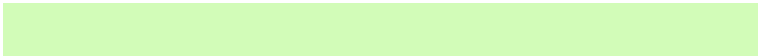
FF49AD

Sweetspot

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



55C211



D2FCB8



C27B11



668057



000000



808080

Same Dimension

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



55C211



61FC00



11C223



5B6157



3EA100



0D2100

Inverse Universe

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



7E11C2



9B00FC



C211B0



5D5761



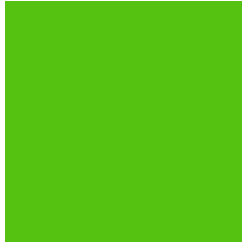
6300A1



140021

Previews

White Background



This preview shows how the Hex color 55C211 looks on a white background.

Color Contrast Check

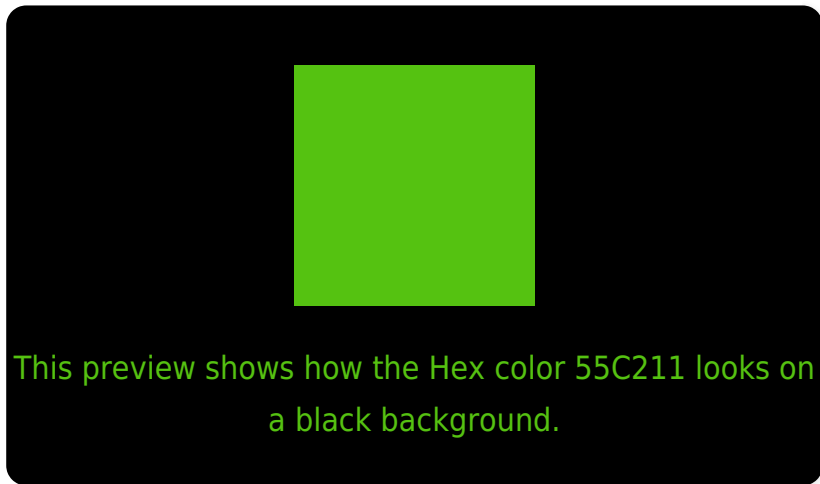
Large Text (above 18pt) WCAG AA × Fail

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 55C211 Background



This preview shows how black text looks on a background with the Hex color 55C211.

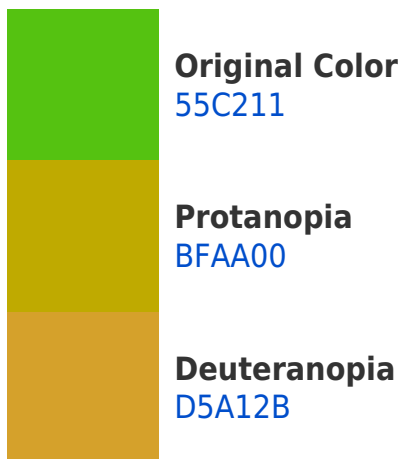


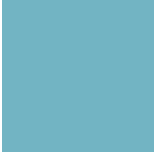
This preview shows how white text looks on a background with the Hex color 55C211.

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
72B4C3

Trichromacy



Original Color
55C211



Protanomaly
98B306



Deuteranomaly
A6AD22



Tritanomaly
67B982

Monochromacy



Original Color
55C211



Achromatopsia
8D8D8D



Achromatomaly
79A060

CSS Examples

Text

The CSS property to change the color of the text to Hex 55C211 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 #55C211 looks like.

```
.text, #text, p{  
    color:#55C211  
}
```

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 #55C211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C211
}
```

Border

The CSS property to change the border of an element to Hex 55C211 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
#55C211 }
```

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

```
.border{ border-color:#55C211 }
```

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

Here you see how a box with a 4 pixel #55C211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C211; -webkit-box-shadow:4px 4px  
4px 4px #55C211; box-shadow:4px 4px 4px  
4px #55C211 }
```

Background

The CSS property to change the background color of an element to Hex 55C211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C211 }
```

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

```
.background{ background-color:#55C211 }
```

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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