

Converting Colors

Hex(5EB208)

Have a look what the booklet for
Hex(5EB208) contains.

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Color

Hex(5EB208)

Conversions

Conversions Part 1

Format	Color
Hex	5EB208
RGB	94, 178, 8
RGB Percent	37%, 70%, 3%
CMY	0.6314, 0.3020, 0.9686
CMYK	0.47, 0.00, 0.96, 0.30
HSL	90°, 91%, 36%
HSV	90°, 96%, 70%
XYZ	20.5803, 34.2380, 5.7536
YIQ	133.5040, 4.5060, -70.6780

Conversions

Conversions Part 2

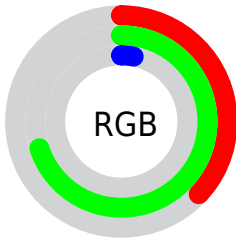
Format	Color
RYB	8, 178, 92
Decimal	6205960
CIELab	65.15, -49.54, 64.86
CIELCh	65, 81.622, 127.373
Yxy	34.2380, 0.3398, 0.5652
Android (android.graphics.Color)	4284396040 (0xFF5EB208)
YUV	133.5040, -61.8735, -34.6450
Hunter-Lab	58.5133, -39.6161, 35.1293

Details

The Hex color **5EB208** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5C08B2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **98EA4F**, and **1C7C00** is the 20% darker color. If you saturate the color by 10%, you get **5AB200**, and if you desaturate by 10%, it is **67B21A**.

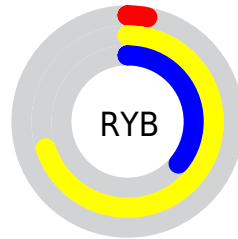
Distribution



Red (37%)

Green (70%)

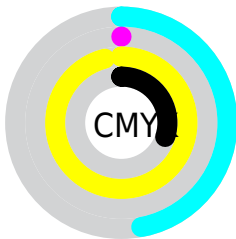
Blue (3%)



Red (3%)

Yellow (70%)

Blue (36%)

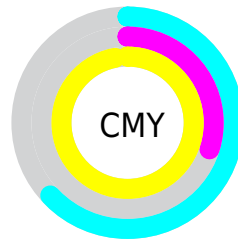


Cyan (47%)

Magenta (0%)

Yellow (96%)

Black (30%)



Cyan (63%)

Magenta (30%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB208 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 5EB208 by changing the saturation by 10% instead.

 5EB208

 5EB208

FFFFFF

 409700

 98EA4F

 1C7C00

 B5FF6B

 006300

 D3FF87

 004A00

 F0FFA3

 003300

 FFFFC0

 001B00

 FFFFDD

 000000

 FFFFFA

 5EB208

 5EB208

 5AB200

 67B21A

 70B22C

 78B23D

 81B24F

 8AB261

 93B273

 9CB285

 A4B296

 ADB2A8

Harmonies

Analogous

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



AEA100



5EB208



00BB62

Triad

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



5EB208



00B5FF



FF498F

Complementary

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



5EB208



5C08B2

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.



FF5BD8



5EB208



00A1FF

Square

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



5EB208



00BDF6



B582FF



FF6249

Rectangle

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



5EB208



00BE95



B582FF



FF4AA8

Sweetspot

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



5EB208



C7E8A5



B25A08



61754C



F5F5F5



757575

Same Dimension

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



5EB208



75E800



0BB208



555950



4D9900



0D1A00

Inverse Universe

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



5C08B2



7300E8



AF08B2



555059



4C0099



0D001A

Previews

White Background



This preview shows how the Hex color 5EB208 looks on a white background.

Color Contrast Check

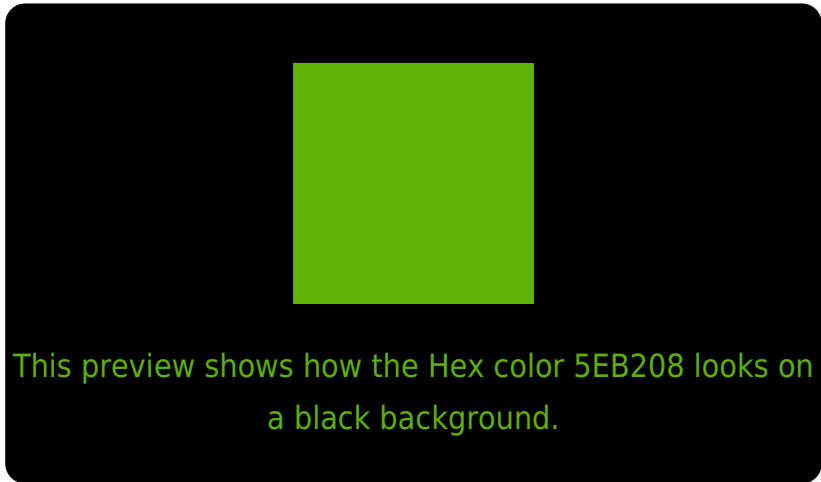
Large Text (above 18pt) WCAG AA × Fail

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 5EB208 Background



This preview shows how black text looks on a background with the Hex color 5EB208.

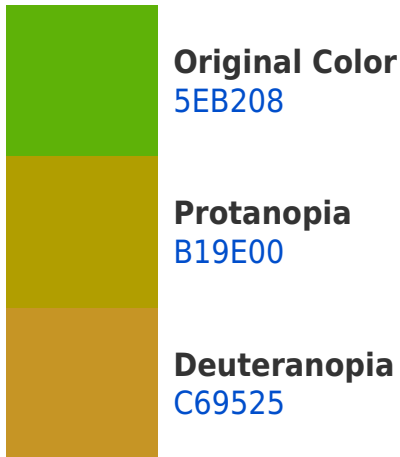


This preview shows how white text looks on a background with the Hex color 5EB208.

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](#).

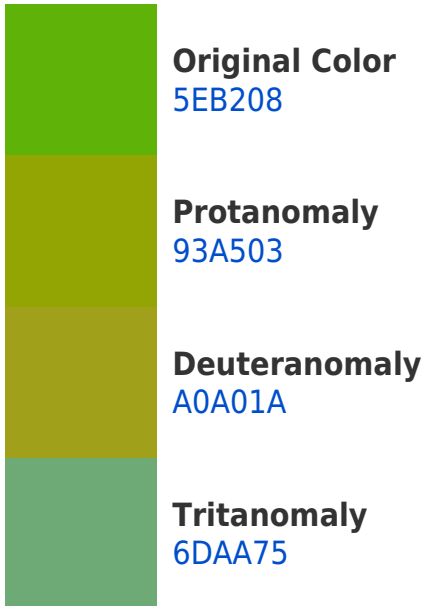
Dichromacy





Tritanopia
75A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB208 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 #5EB208 looks like.

```
.text, #text, p{  
    color:#5EB208  
}
```

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 #5EB208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB208
}
```

Border

The CSS property to change the border of an element to Hex 5EB208 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
#5EB208 }
```

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

```
.border{ border-color:#5EB208 }
```

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

Here you see how a box with a 4 pixel #5EB208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB208; -webkit-box-shadow:4px 4px  
4px 4px #5EB208; box-shadow:4px 4px 4px  
4px #5EB208 }
```

Background

The CSS property to change the background color of an element to Hex 5EB208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB208 }
```

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

```
.background{ background-color:#5EB208 }
```

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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