

Converting Colors

Hex(55B206)

Have a look what the booklet for
Hex(55B206) contains.

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Color

Hex(55B206)

Conversions

Conversions Part 1

Format	Color
Hex	55B206
RGB	85, 178, 6
RGB Percent	33%, 70%, 2%
CMY	0.6667, 0.3020, 0.9765
CMYK	0.52, 0.00, 0.97, 0.30
HSL	92°, 93%, 36%
HSV	92°, 97%, 70%
XYZ	19.6996, 33.7852, 5.6552
YIQ	130.5850, -0.2160, -73.2080

Conversions

Conversions Part 2

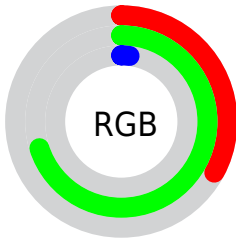
Format	Color
RYB	6, 178, 99
Decimal	5616134
CIELab	64.79, -52.34, 64.68
CIELCh	65, 83.202, 128.983
Yxy	33.7852, 0.3331, 0.5713
Android (android.graphics.Color)	4283806214 (0xFF55B206)
YUV	130.5850, -61.4204, -39.9780
Hunter-Lab	58.1251, -41.2222, 34.9190

Details

The Hex color **55B206** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6306B2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90EB4E**, and **057C00** is the 20% darker color. If you saturate the color by 10%, you get **52B200**, and if you desaturate by 10%, it is **5FB218**.

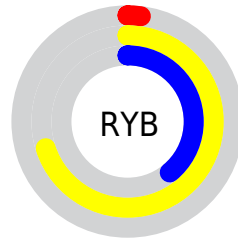
Distribution



Red (33%)

Green (70%)

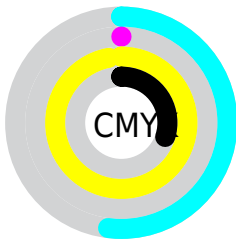
Blue (2%)



Red (2%)

Yellow (70%)

Blue (39%)

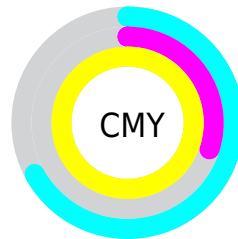


Cyan (52%)

Magenta (0%)

Yellow (97%)

Black (30%)



Cyan (67%)

Magenta (30%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B206 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 55B206 by changing the saturation by 10% instead.

 55B206

 55B206

FFFFFF

 359700

 90EB4E

 057C00

 ADF6A

 006200

 CBFF86

 004A00

 E8FFA2

 003200

 FFFFBF

 001900

 FFFFDC

 000000

 FFFFF9

 55B206

 55B206

■ 52B200

■ 5FB218

■ 68B22A

■ 72B23B

■ 7BB24D

■ 85B25F

■ 8FB271

■ 98B283

■ A2B294

■ ACB2A6

Harmonies

Analogous

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



A9A100



55B206



00BB64

Triad

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



55B206



00B4FF



FF448A

Complementary

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



55B206



6306B2

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.



FF55D4



55B206



009FFF

Square

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



55B206



00BCFA



BA7EFF



FF6143

Rectangle

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



55B206



00BD98



BA7EFF



FF44A3

Sweetspot

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



55B206



C4E8A5



B26206



5F754C



F5F5F5



757575

Same Dimension

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



55B206



6BE800



06B20C



545950



469900



0C1A00

Inverse Universe

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



6306B2



7D00E8



B206AC



555059



530099



0E001A

Previews

White Background



This preview shows how the Hex color 55B206 looks on a white background.

Color Contrast Check

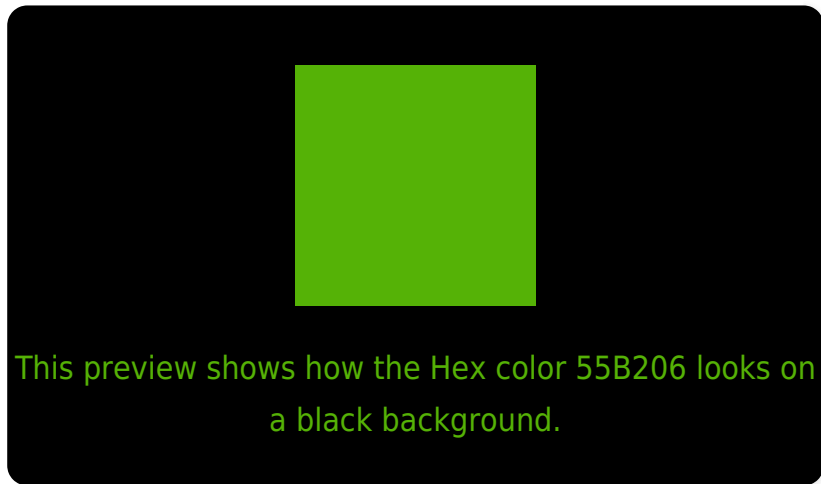
Large Text (above 18pt) WCAG AA × Fail

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 55B206 Background



This preview shows how black text looks on a background with the Hex color 55B206.

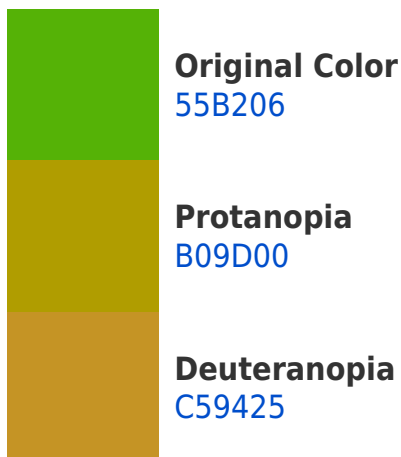


This preview shows how white text looks on a background with the Hex color 55B206.

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
6EA5B3

Trichromacy



Original Color
55B206



Protanomaly
8FA502



Deuteranomaly
9C9F1A



Tritanomaly
65AA74

Monochromacy



Original Color
55B206



Achromatopsia
838383



Achromatomaly
729456

CSS Examples

Text

The CSS property to change the color of the text to Hex 55B206 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 #55B206 looks like.

```
.text, #text, p{  
    color:#55B206  
}
```

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 #55B206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B206
}
```

Border

The CSS property to change the border of an element to Hex 55B206 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
#55B206 }
```

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

```
.border{ border-color:#55B206 }
```

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

Here you see how a box with a 4 pixel #55B206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B206; -webkit-box-shadow:4px 4px  
4px 4px #55B206; box-shadow:4px 4px 4px  
4px #55B206 }
```

Background

The CSS property to change the background color of an element to Hex 55B206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B206 }
```

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

```
.background{ background-color:#55B206 }
```

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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