

Converting Colors

Hex(56B509)

Have a look what the booklet for
Hex(56B509) contains.

Hex(56B509)	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>	28

Color

Hex(56B509)

Conversions

Conversions Part 1

Format	Color
Hex	56B509
RGB	86, 181, 9
RGB Percent	34%, 71%, 4%
CMY	0.6627, 0.2902, 0.9647
CMYK	0.52, 0.00, 0.95, 0.29
HSL	93°, 91%, 37%
HSV	93°, 95%, 71%
XYZ	20.4109, 35.0459, 5.9472
YIQ	132.9870, -1.4080, -73.6320

Conversions

Conversions Part 2

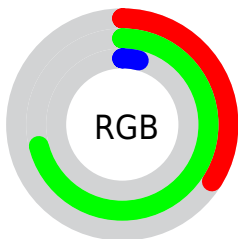
Format	Color
RYB	9, 181, 104
Decimal	5682441
CIELab	65.78, -53.10, 65.12
CIELCh	66, 84.029, 129.193
Yxy	35.0459, 0.3324, 0.5707
Android (android.graphics.Color)	4283872521 (0xFF56B509)
YUV	132.9870, -61.1256, -41.2076
Hunter-Lab	59.1996, -42.0557, 35.4834

Details


The Hex color **56B509** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6809B5**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **91EE50**, and **067F00** is the 20% darker color. If you saturate the color by 10%, you get **51B500**, and if you desaturate by 10%, it is **60B51B**.

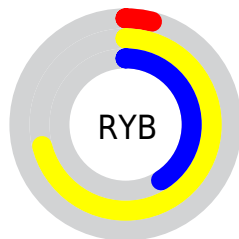
Distribution



 Red (34%)

 Green (71%)

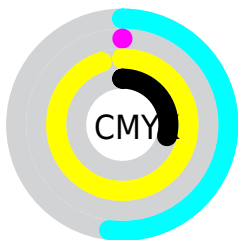
 Blue (4%)




 Red (4%)

 Yellow (71%)

 Blue (41%)

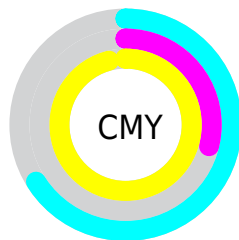



 Cyan (52%)


 Magenta (0%)

 Yellow (95%)

 Black (29%)



 Cyan (66%)

 Magenta (29%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B509 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 56B509 by changing the saturation by 10% instead.

 56B509

 56B509

FFFFFF

 369A00

 91EE50

 067F00

 AEFF6C

 006500

 CCFF88

 004C00

 EAFFA4

 003500

 FFFFC1

 001D00

 FFFFDE

 000000

 FFFFFB

 56B509

 56B509

■ 51B500

■ 60B51B

■ 6AB52D

■ 74B53F

■ 7EB551

■ 88B564

■ 92B576

■ 9CB588

■ A6B59A

■ B0B5AC

Harmonies

Analogous

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



ABA400



56B509



00BE67

Triad

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



56B509



00B6FF



FF468C

Complementary

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



56B509



6809B5

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.



FF57D7



56B509



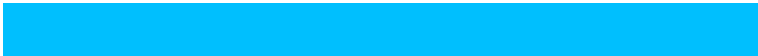
00A2FF

Square

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



56B509



00BFFE



BD80FF



FF6344

Rectangle

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



56B509



00C19B



BD80FF



FF46A5

Sweetspot

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



56B509



C5EBA7



B56809



5F754C



F5F5F5



757575

Same Dimension

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



56B509



69EB00



09B512



545950



449900



0B1A00

Inverse Universe

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



6809B5



8200EB



B509AC



555059



550099



0E001A

Previews

White Background



This preview shows how the Hex color 56B509 looks on a white background.

Color Contrast Check

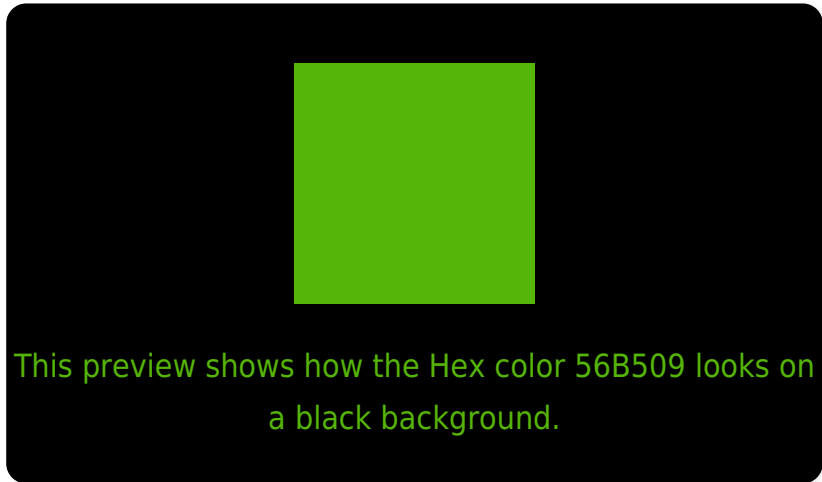
Large Text (above 18pt) WCAG AA × Fail

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 56B509 Background



This preview shows how black text looks on a background with the Hex color 56B509.

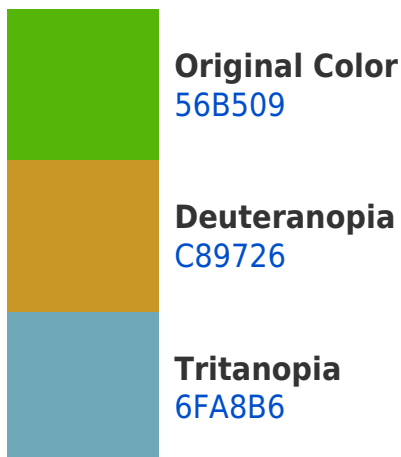


This preview shows how white text looks on a background with the Hex color 56B509.

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
56B509



Deuteranomaly
9FA21B

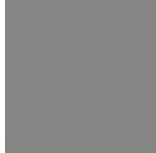


Tritanomaly
66AD77

Monochromacy



Original Color
56B509



Achromatopsia
858585



Achromatomaly
749658

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B509 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 #56B509 looks like.

```
.text, #text, p{  
    color:#56B509  
}
```

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 #56B509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B509
}
```

Border

The CSS property to change the border of an element to Hex 56B509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

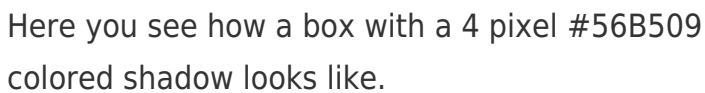
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56B509 }
```

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

```
.border{ border-color:#56B509 }
```

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



Here you see how a box with a 4 pixel #56B509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B509; -webkit-box-shadow:4px 4px  
4px 4px #56B509; box-shadow:4px 4px 4px  
4px #56B509 }
```

Background

The CSS property to change the background color of an element to Hex 56B509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B509 }
```

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

```
.background{ background-color:#56B509 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor