

Converting Colors

Hex(5A5609)

Have a look what the booklet for
Hex(5A5609) contains.

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Color

Hex(5A5609)

Conversions

Conversions Part 1

Format	Color
Hex	5A5609
RGB	90, 86, 9
RGB Percent	35%, 34%, 4%
CMY	0.6471, 0.6627, 0.9647
CMYK	0.00, 0.04, 0.90, 0.65
HSL	57°, 82%, 19%
HSV	57°, 90%, 35%
XYZ	7.5935, 8.8490, 1.5662
YIQ	78.4180, 27.1010, -23.0990

Conversions

Conversions Part 2

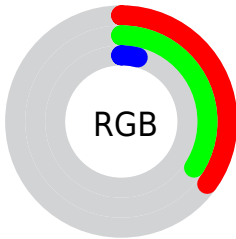
Format	Color
R_{YB}	13, 90, 9
Decimal	5920265
CIE _{Lab}	35.69, -7.46, 40.48
CIE _{LCh}	36, 41.166, 100.445
Yxy	8.8490, 0.4217, 0.4914
Android (android.graphics.Color)	4284110345 (0xFF5A5609)
YUV	78.4180, -34.2231, 10.1574
Hunter-Lab	29.7472, -6.4920, 17.7013

Details

The Hex color **5A5609** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **090D5A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8F873D**, and **292900** is the 20% darker color. If you saturate the color by 10%, you get **5A5600**, and if you desaturate by 10%, it is **5A5612**.

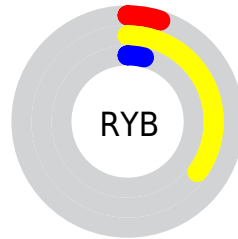
Distribution



Red (35%)

Green (34%)

Blue (4%)



Red (5%)

Yellow (35%)

Blue (4%)

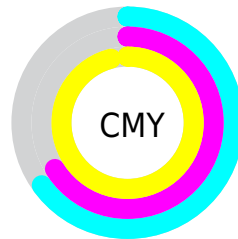


Cyan (0%)

Magenta (4%)

Yellow (90%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5609 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 5A5609 by changing the saturation by 10% instead.

 5A5609

 5A5609

 FFFFF8

 413F00


 8F873D

 292900

 AAA255

 0C1600

 C6BD6F

 000000

 E3D889

 FFF5A4

 FFFFBF

 FFFFDB

 5A5609

 5A5609

■ 5A5600

■ 5A5612

■ 5A571B

■ 5A5724

■ 5A582D

■ 5A5836

■ 5A593F

■ 5A5948

■ 5A5A51

■ 5A5A5A

Harmonies

Analogous

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



764A12



5A5609



365E1E

Triad

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



5A5609



00627E



84396B

Complementary

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



5A5609



090D5A

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.



644686



5A5609



005D92

Square

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



5A5609



00645F



235495



8F344A

Rectangle

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



5A5609



0A6132



235495



7C3D75

Sweetspot

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



5A5609



757456



5A090D



3B3A28



BABABA



3B3B3B

Same Dimension

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



5A5609



757000



365A09



2E2E29



6E6800



EDE100

Inverse Universe

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



090D5A



000675



2D095A



292A2E



00056E



000CED

Previews

White Background



This preview shows how the Hex color 5A5609 looks on a white background.

Color Contrast Check

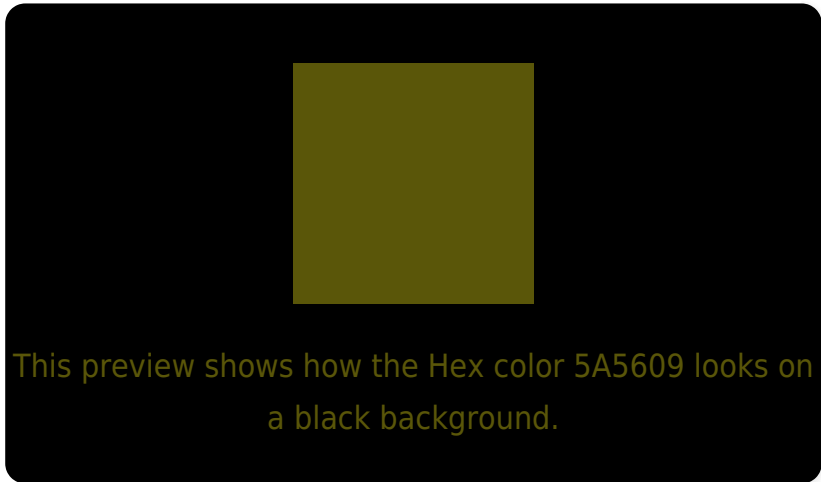
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

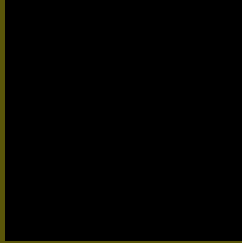
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A5609 Background



This preview shows how black text looks on a background with the Hex color 5A5609.



This preview shows how white text looks on a background with the Hex color 5A5609.

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



Original Color

5A5609

Protanopia

5F5408

Deuteranopia

6A500F



Tritanopia
5F5056

Trichromacy



Original Color
5A5609

Protanomaly
5D5508

Deuteranomaly
64520D

Tritanomaly
5D523A

Monochromacy



Original Color
5A5609

Achromatopsia
4E4E4E

Achromatomaly
525135

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5609 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 #5A5609 looks like.

```
.text, #text, p{  
    color:#5A5609  
}
```

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 #5A5609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5609
}
```

Border

The CSS property to change the border of an element to Hex 5A5609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

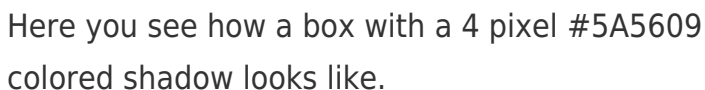
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5609 }
```

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

```
.border{ border-color:#5A5609 }
```

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



Here you see how a box with a 4 pixel #5A5609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5609; -webkit-box-shadow:4px 4px  
4px 4px #5A5609; box-shadow:4px 4px 4px  
4px #5A5609 }
```

Background

The CSS property to change the background color of an element to Hex 5A5609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5609 }
```

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

```
.background{ background-color:#5A5609 }
```

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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