

Converting Colors

Hex(5A6209)

Have a look what the booklet for
Hex(5A6209) contains.

Hex(5A6209)	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(5A6209)

Conversions

Conversions Part 1

Format	Color
Hex	5A6209
RGB	90, 98, 9
RGB Percent	35%, 38%, 4%
CMY	0.6471, 0.6157, 0.9647
CMYK	0.08, 0.00, 0.91, 0.62
HSL	65°, 83%, 21%
HSV	65°, 91%, 38%
XYZ	8.6334, 10.9287, 1.9129
YIQ	85.4620, 23.8010, -29.3750

Conversions

Conversions Part 2

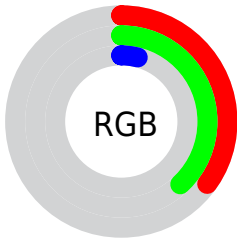
Format	Color
R_{YB}	9, 98, 17
Decimal	5923337
CIE Lab	39.46, -14.29, 43.63
CIE LCh	39, 45.910, 108.139
Yxy	10.9287, 0.4020, 0.5089
Android (android.graphics.Color)	4284113417 (0xFF5A6209)
YUV	85.4620, -37.6958, 3.9798
Hunter-Lab	33.0587, -11.2364, 19.7104

Details

The Hex color **5A6209** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110962**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8F953F**, and **283400** is the 20% darker color. If you saturate the color by 10%, you get **596200**, and if you desaturate by 10%, it is **5B6213**.

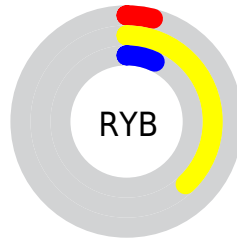
Distribution



Red (35%)

Green (38%)

Blue (4%)



Red (4%)

Yellow (38%)

Blue (7%)

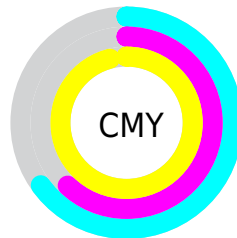


Cyan (8%)

Magenta (0%)

Yellow (91%)

Black (62%)



Cyan (65%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6209 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 5A6209 by changing the saturation by 10% instead.

 5A6209

 5A6209

 FFFFFC

 414A00

 8F953F

 283400

 AA AF58

 0F1F00

 C6CA72

 000000

 E3E78C

 FFFFA7

 FFFFC3

 FFFFDF

 5A6209

 5A6209

■ 596200

■ 5B6213

■ 5C621D

■ 5D6226

■ 5E6230

■ 5E623A

■ 5F6244

■ 60624E

■ 616257

■ 626261

Harmonies

Analogous

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



7C560A



5A6209



2C6A28

Triad

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



5A6209



006C94



993A6D

Complementary

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



5A6209



110962

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.



7B498F



5A6209



0065A6

Square

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



5A6209



006F73



3F59A4



A03A48

Rectangle

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



5A6209



006D40



3F59A4



923E7A

Sweetspot

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



5A6209



7C805D



621009



3E402B



BFBFBF



404040

Same Dimension

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



5A6209



748000



2E6209



30302C



667000



DAF000

Inverse Universe

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



110962



0B0080



3D0962



2C2C30



0A0070



1600F0

Previews

White Background



This preview shows how the Hex color 5A6209 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

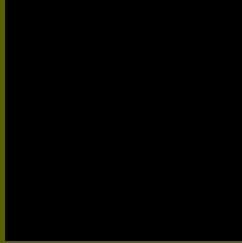
Any Text WCAG AA × Fail

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 5A6209 Background



This preview shows how black text looks on a background with the Hex color 5A6209.



This preview shows how white text looks on a background with the Hex color 5A6209.

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
5A6209

Protanopia
695D07

Deuteranopia
755812



Tritanopia
615B62

Trichromacy



Original Color
5A6209

Protanomaly
645F08

Deuteranomaly
6B5C0F

Tritanomaly
5E5E42

Monochromacy



Original Color
5A6209

Achromatopsia
555555

Achromatomaly
575A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6209 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 #5A6209 looks like.

```
.text, #text, p{  
    color:#5A6209  
}
```

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 #5A6209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6209
}
```

Border

The CSS property to change the border of an element to Hex 5A6209 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
#5A6209 }
```

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

```
.border{ border-color:#5A6209 }
```

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

Here you see how a box with a 4 pixel #5A6209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6209; -webkit-box-shadow:4px 4px  
4px 4px #5A6209; box-shadow:4px 4px 4px  
4px #5A6209 }
```

Background

The CSS property to change the background color of an element to Hex 5A6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6209 }
```

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

```
.background{ background-color:#5A6209 }
```

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