

Converting Colors

Hex(5C680A)

Have a look what the booklet for
Hex(5C680A) contains.

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Color

Hex(5C680A)

Conversions

Conversions Part 1

Format	Color
Hex	5C680A
RGB	92, 104, 10
RGB Percent	36%, 41%, 4%
CMY	0.6392, 0.5922, 0.9608
CMYK	0.12, 0.00, 0.90, 0.59
HSL	68°, 82%, 22%
HSV	68°, 90%, 41%
XYZ	9.4187, 12.1979, 2.1452
YIQ	89.6960, 23.0220, -31.7780

Conversions

Conversions Part 2

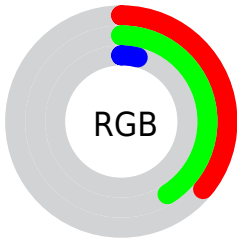
Format	Color
RYB	10, 104, 22
Decimal	6055946
CIELab	41.53, -16.59, 45.17
CIELCh	42, 48.122, 110.169
Yxy	12.1979, 0.3964, 0.5133
Android (android.graphics.Color)	4284246026 (0xFF5C680A)
YUV	89.6960, -39.2901, 2.0206
Hunter-Lab	34.9254, -12.9814, 20.8061

Details

The Hex color **5C680A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160A68**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **919B41**, and **2A3900** is the 20% darker color. If you saturate the color by 10%, you get **5B6800**, and if you desaturate by 10%, it is **5D6814**.

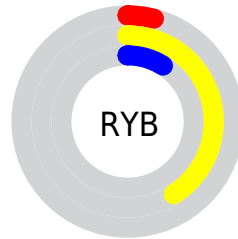
Distribution



Red (36%)

Green (41%)

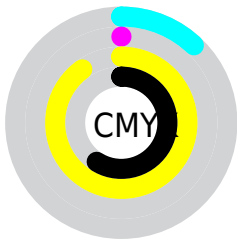
Blue (4%)



Red (4%)

Yellow (41%)

Blue (9%)

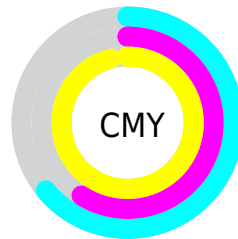


Cyan (12%)

Magenta (0%)

Yellow (90%)

Black (59%)



Cyan (64%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C680A 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 5C680A by changing the saturation by 10% instead.



5C680A



5C680A

FFFFFF



435000



919B41



2A3900



ADB65A



112400



C9D174



000A00



E6EE8E



000000



FFFA9



FFFC5



FFFFE2



5C680A



5C680A

■ 5B6800

■ 5D6814

■ 5F681F

■ 606829

■ 616834

■ 63683E

■ 646848

■ 656853

■ 67685D

■ 686868

Harmonies

Analogous

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



805B07



5C680A



29702C

Triad

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



5C680A



00729E



A23D71

Complementary

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



5C680A



160A68

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.



854B95



5C680A



006AB0

Square

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



5C680A



00747C



485DAD



A93D49

Rectangle

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



5C680A



007346



485DAD



9B407E

Sweetspot

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



5C680A



828763



68150A



42452F



C4C4C4



454545

Same Dimension

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



5C680A



768700



2E680A



32332E



647300



D3F200

Inverse Universe

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



160A68



110087



440A68



2F2E33



0F0073



1F00F2

Previews

White Background



This preview shows how the Hex color 5C680A looks on a white background.

Color Contrast Check

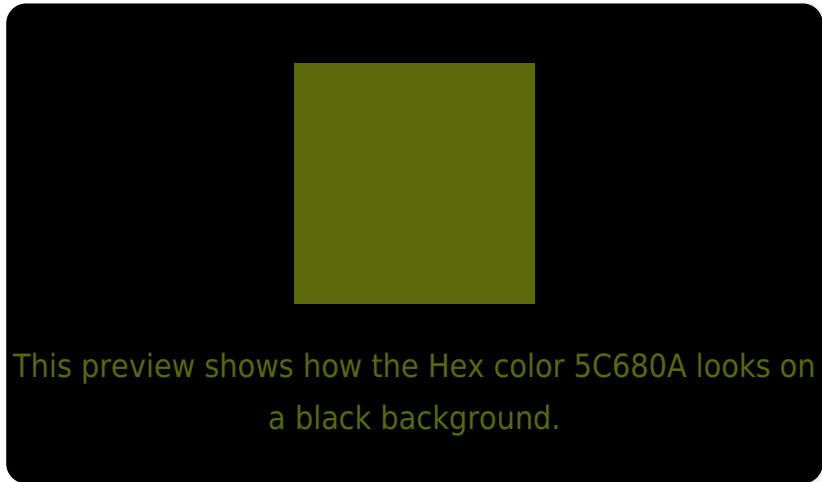
Large Text (above 18pt) WCAG AA ✓ Pass

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

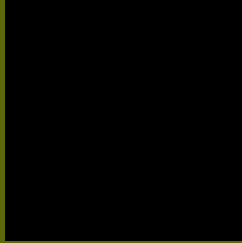
Any Text WCAG AA × Fail

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 5C680A Background



This preview shows how black text looks on a background with the Hex color 5C680A.



This preview shows how white text looks on a background with the Hex color 5C680A.

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
5C680A

Protanopia
6E6207

Deuteranopia
7B5D14



Tritanopia
646168

Trichromacy



Original Color
5C680A

Protanomaly
676408

Deuteranomaly
706110

Tritanomaly
616446

Monochromacy



Original Color
5C680A

Achromatopsia
5A5A5A

Achromatomaly
5B5F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C680A 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 #5C680A looks like.

```
.text, #text, p{  
    color:#5C680A  
}
```

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 #5C680A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C680A
}
```

Border

The CSS property to change the border of an element to Hex 5C680A 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
#5C680A }
```

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

```
.border{ border-color:#5C680A }
```

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

Here you see how a box with a 4 pixel #5C680A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C680A; -webkit-box-shadow:4px 4px  
4px 4px #5C680A; box-shadow:4px 4px 4px  
4px #5C680A }
```

Background

The CSS property to change the background color of an element to Hex 5C680A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C680A }
```

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

```
.background{ background-color:#5C680A }
```

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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