

Converting Colors

Hex(5A6700)

Have a look what the booklet for
Hex(5A6700) contains.

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Color

Hex(5A6700)

Conversions

Conversions Part 1

Format	Color
Hex	5A6700
RGB	90, 103, 0
RGB Percent	35%, 40%, 0%
CMY	0.6471, 0.5961, 1.0000
CMYK	0.13, 0.00, 1.00, 0.60
HSL	68°, 100%, 20%
HSV	68°, 100%, 40%
XYZ	9.0667, 11.8742, 1.8141
YIQ	87.3710, 25.3150, -34.7890

Conversions

Conversions Part 2

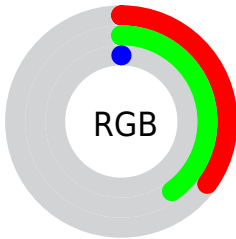
Format	Color
RYB	0, 103, 13
Decimal	5924608
CIELab	41.02, -17.30, 47.22
CIElCh	41, 50.290, 110.119
Yxy	11.8742, 0.3984, 0.5218
Android (android.graphics.Color)	4284114688 (0xFF5A6700)
YUV	87.3710, -43.0739, 2.3056
Hunter-Lab	34.4589, -13.3368, 20.9999

Details

The Hex color **5A6700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0067**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8F9A3B**, and **283800** is the 20% darker color. If you saturate the color by 10%, you get **5A6700**, and if you desaturate by 10%, it is **5B670A**.

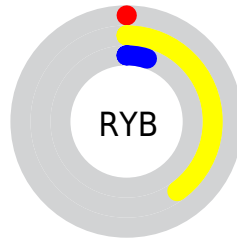
Distribution



Red (35%)

Green (40%)

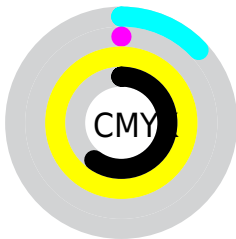
Blue (0%)



Red (0%)

Yellow (40%)

Blue (5%)

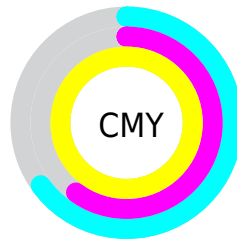


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (65%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6700 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 5A6700 by changing the saturation by 10% instead.

 5A6700

 5A6700

 FFFFF9

 414F00

 8F9A3B

 283800

 ABB554

 0E2300

 C7D06E

 000700

 E4EC89

 000000

 FFFFA4

 FFFFC0

 FFFFDC

 5A6700

 5B670A

 5D6715

 5E671F

 5F6729

 616734

 62673E

 636748

 646752

 66675D

Harmonies

Analogous

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



805A00



5A6700



236F28

Triad

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



5A6700



00719F



A43870

Complementary

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



5A6700



0D0067

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.



854996



5A6700



006AB2

Square

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



5A6700



00747C



435CAF



AA3947

Rectangle

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



5A6700



007243



435CAF



9C3D7E

Sweetspot

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



5A6700



82875F



670C00



42452C



C4C4C4



454545

Same Dimension

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



5A6700



768700



276700



32332E



647300



D4F200

Inverse Universe

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



0D0067



110087



400067



2F2E33



0E0073



1F00F2

Previews

White Background



This preview shows how the Hex color 5A6700 looks on a white background.

Color Contrast Check

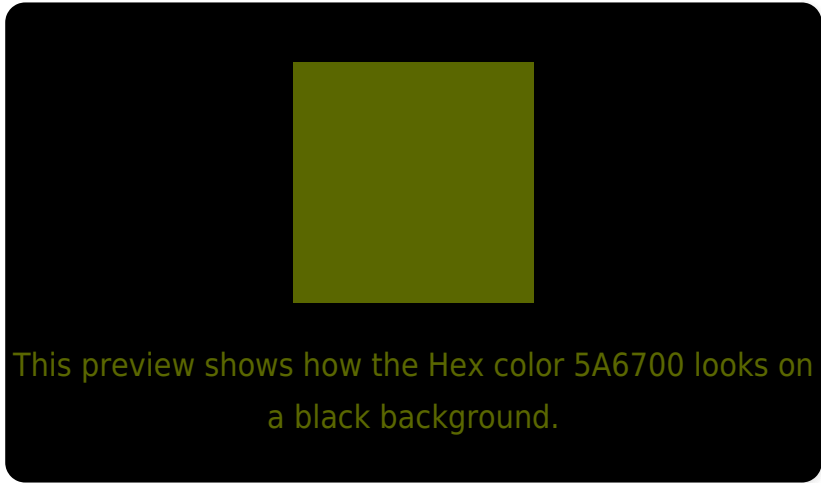
Large Text (above 18pt) WCAG AA ✓ Pass

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

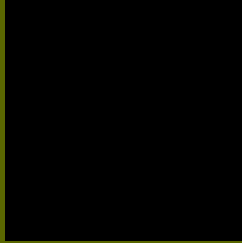
Any Text WCAG AA × Fail

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 5A6700 Background



This preview shows how black text looks on a background with the Hex color 5A6700.



This preview shows how white text looks on a background with the Hex color 5A6700.

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
5A6700

Protanopia
6D6100

Deuteranopia
7A5C12



Tritanopia
626067

Trichromacy



Original Color
5A6700

Protanomaly
666300

Deuteranomaly
6E600B

Tritanomaly
5F6342

Monochromacy



Original Color
5A6700

Achromatopsia
575757

Achromatomaly
585D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6700 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 #5A6700 looks like.

```
.text, #text, p{  
    color:#5A6700  
}
```

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 #5A6700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6700
}
```

Border

The CSS property to change the border of an element to Hex 5A6700 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
#5A6700 }
```

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

```
.border{ border-color:#5A6700 }
```

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

Here you see how a box with a 4 pixel #5A6700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6700; -webkit-box-shadow:4px 4px  
4px 4px #5A6700; box-shadow:4px 4px 4px  
4px #5A6700 }
```

Background

The CSS property to change the background color of an element to Hex 5A6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6700 }
```

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

```
.background{ background-color:#5A6700 }
```

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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