

Converting Colors

Hex(5D660F)

Have a look what the booklet for
Hex(5D660F) contains.

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Color

Hex(5D660F)

Conversions

Conversions Part 1

Format	Color
Hex	5D660F
RGB	93, 102, 15
RGB Percent	36%, 40%, 6%
CMY	0.6353, 0.6000, 0.9412
CMYK	0.09, 0.00, 0.85, 0.60
HSL	66°, 74%, 23%
HSV	66°, 85%, 40%
XYZ	9.3518, 11.8644, 2.2491
YIQ	89.3910, 22.5630, -28.9650

Conversions

Conversions Part 2

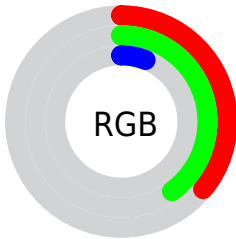
Format	Color
RYB	15, 102, 24
Decimal	6120975
CIELab	41.00, -14.86, 43.40
CIELCh	41, 45.873, 108.902
Yxy	11.8644, 0.3985, 0.5056
Android (android.graphics.Color)	4284311055 (0xFF5D660F)
YUV	89.3910, -36.6748, 3.1651
Hunter-Lab	34.4447, -11.8152, 20.2399

Details

The Hex color **5D660F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **180F66**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **929943**, and **2B3700** is the 20% darker color. If you saturate the color by 10%, you get **5C6605**, and if you desaturate by 10%, it is **5E6619**.

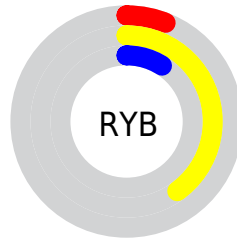
Distribution



Red (36%)

Green (40%)

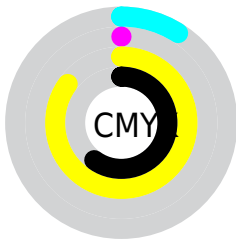
Blue (6%)



Red (6%)

Yellow (40%)

Blue (9%)

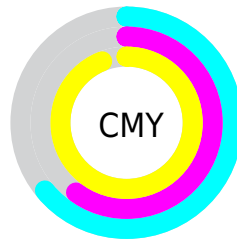


Cyan (9%)

Magenta (0%)

Yellow (85%)

Black (60%)



Cyan (64%)

Magenta (60%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D660F 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 5D660F by changing the saturation by 10% instead.



5D660F



5D660F

FFFFFF



444E00



929943



2B3700



ADB45C



132200



CACF76



000700



E6EB91



000000



FFFFAC



FFFFC8



FFFFE4



5D660F



5D660F

■ 5C6605

■ 5E6619

■ 5B6600

■ 5F6623

■ 60662E

■ 616638

■ 626642

■ 63664C

■ 646656

■ 656661

■ 66666B

Harmonies

Analogous

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



7F5A0E



5D660F



2F6E2C

Triad

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



5D660F



007099



9E3E70

Complementary

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



5D660F



180F66

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.



804C93



5D660F



0069AB

Square

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



5D660F



007278



465DA8



A43E4B

Rectangle

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



5D660F



007144



465DA8



96427D

Sweetspot

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



5D660F



818562



66180F



40422E



C2C2C2



424242

Same Dimension

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



5D660F



778500



32660F



32332E



677300



D9F200

Inverse Universe

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



180F66



0E0085



430F66



2E2E33



0C0073



1900F2

Previews

White Background



This preview shows how the Hex color 5D660F looks on a white background.

Color Contrast Check

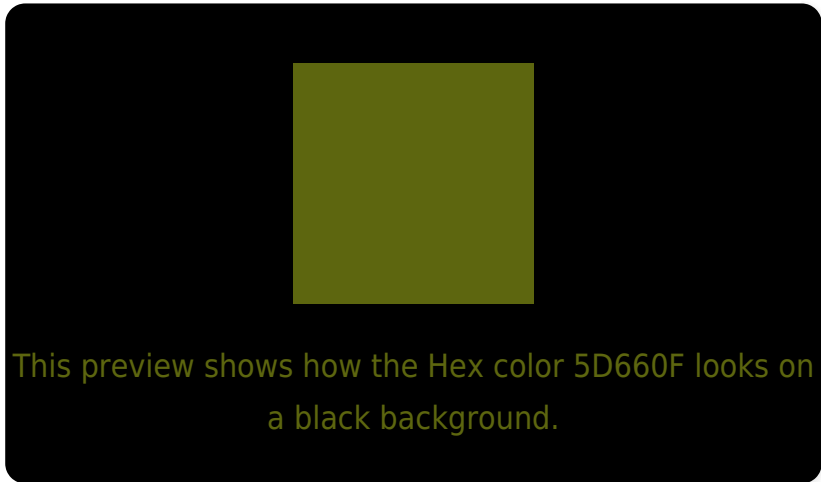
Large Text (above 18pt) WCAG AA ✓ Pass

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

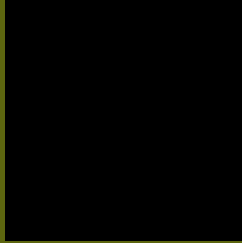
Any Text WCAG AA × Fail

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 5D660F Background



This preview shows how black text looks on a background with the Hex color 5D660F.



This preview shows how white text looks on a background with the Hex color 5D660F.

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
5D660F

Protanopia
6D610D

Deuteranopia
7A5C16



Tritanopia
645F66

Trichromacy



Original Color
5D660F

Protanomaly
67630E

Deuteranomaly
6F6013

Tritanomaly
616246

Monochromacy



Original Color
5D660F

Achromatopsia
595959

Achromatomaly
5A5E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D660F 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 #5D660F looks like.

```
.text, #text, p{  
    color:#5D660F  
}
```

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 #5D660F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D660F
}
```

Border

The CSS property to change the border of an element to Hex 5D660F 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
#5D660F }
```

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

```
.border{ border-color:#5D660F }
```

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

Here you see how a box with a 4 pixel #5D660F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D660F; -webkit-box-shadow:4px 4px  
4px 4px #5D660F; box-shadow:4px 4px 4px  
4px #5D660F }
```

Background

The CSS property to change the background color of an element to Hex 5D660F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D660F }
```

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

```
.background{ background-color:#5D660F }
```

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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