

Converting Colors

Hex(5D5F00)

Have a look what the booklet for
Hex(5D5F00) contains.

Hex(5D5F00)	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(5D5F00)

Conversions

Conversions Part 1

Format	Color
Hex	5D5F00
RGB	93, 95, 0
RGB Percent	36%, 37%, 0%
CMY	0.6353, 0.6275, 1.0000
CMYK	0.02, 0.00, 1.00, 0.63
HSL	61°, 100%, 19%
HSV	61°, 100%, 37%
XYZ	8.6064, 10.5116, 1.5753
YIQ	83.5720, 29.3030, -29.9690

Conversions

Conversions Part 2

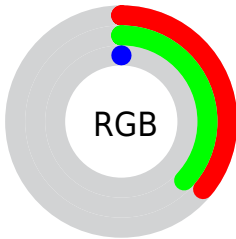
Format	Color
RYB	0, 95, 2
Decimal	6119168
CIELab	38.75, -11.45, 45.65
CIElCh	39, 47.067, 104.075
Yxy	10.5116, 0.4159, 0.5080
Android (android.graphics.Color)	4284309248 (0xFF5D5F00)
YUV	83.5720, -41.2010, 8.2684
Hunter-Lab	32.4216, -9.3543, 19.8142

Details

The Hex color **5D5F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **02005F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **929139**, and **2B3100** is the 20% darker color. If you saturate the color by 10%, you get **5D5F00**, and if you desaturate by 10%, it is **5D5F09**.

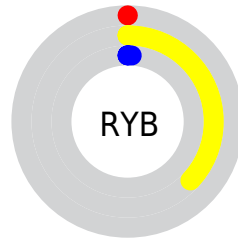
Distribution



Red (36%)

Green (37%)

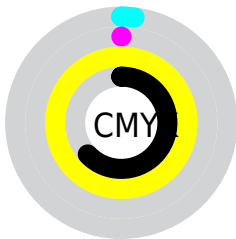
Blue (0%)



Red (0%)

Yellow (37%)

Blue (1%)

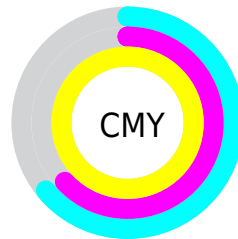


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5F00 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 5D5F00 by changing the saturation by 10% instead.

 5D5F00

 5D5F00

 FFFFF6

 444700

 929139

 2B3100

 AEAC52

 121D00

 CAC76C

 000000

 E7E386

 FFFFA1

 FFFFBD

 FFFF99

 5D5F00

 5D5F09

 5D5F13

 5E5F1D

 5E5F26

 5E5F30

 5E5F39

 5E5F43

 5F5F4C

 5F5F56

Harmonies

Analogous

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



7E5207



5D5F00



316720

Triad

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



5D5F00



006B90



953971

Complementary

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



5D5F00



02005F

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.



744993



5D5F00



0065A5

Square

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



5D5F00



006D6D



2C5AA6



A0354B

Rectangle

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



5D5F00



006B38



2C5AA6



8D3D7D

Sweetspot

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



5D5F00



7A7A56



5F0200



3D3D27



BDBDBD



3D3D3D

Same Dimension

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



5D5F00



787A00



2E5F00



30302C



6E7000



EBF000

Inverse Universe

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



02005F



03007A



31005F



2C2C30



020070



0500F0

Previews

White Background



This preview shows how the Hex color 5D5F00 looks on a white background.

Color Contrast Check

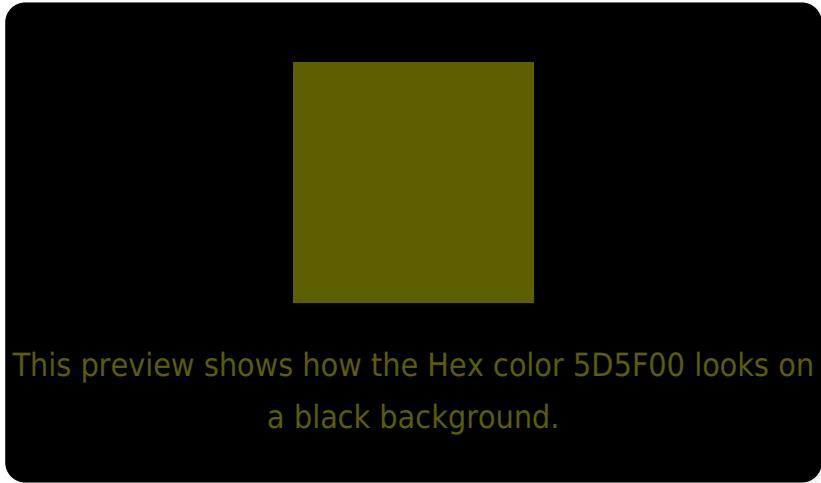
Large Text (above 18pt) WCAG AA ✓ Pass

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

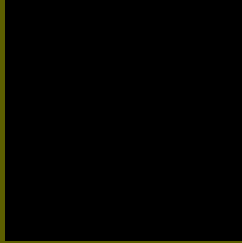
Any Text WCAG AA × Fail

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 5D5F00 Background



This preview shows how black text looks on a background with the Hex color 5D5F00.



This preview shows how white text looks on a background with the Hex color 5D5F00.

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](#).

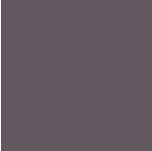
Dichromacy



Original Color
5D5F00

Protanopia
675C00

Deuteranopia
73570F



Tritanopia
63585F

Trichromacy



Original Color
5D5F00

Protanomaly
635D00

Deuteranomaly
6B5A0A

Tritanomaly
615B3C

Monochromacy



Original Color
5D5F00

Achromatopsia
545454

Achromatomaly
575835

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5F00 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 #5D5F00 looks like.

```
.text, #text, p{  
    color:#5D5F00  
}
```

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 #5D5F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5F00
}
```

Border

The CSS property to change the border of an element to Hex 5D5F00 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
#5D5F00 }
```

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

```
.border{ border-color:#5D5F00 }
```

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

Here you see how a box with a 4 pixel #5D5F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5F00; -webkit-box-shadow:4px 4px  
4px 4px #5D5F00; box-shadow:4px 4px 4px  
4px #5D5F00 }
```

Background

The CSS property to change the background color of an element to Hex 5D5F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5F00 }
```

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

```
.background{ background-color:#5D5F00 }
```

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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