

# Converting Colors

Hex(575F00)

Have a look what the booklet for  
Hex(575F00) contains.

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# Color

Hex(575F00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	575F00
RGB	87, 95, 0
RGB Percent	34%, 37%, 0%
CMY	0.6588, 0.6275, 1.0000
CMYK	0.08, 0.00, 1.00, 0.63
HSL	65°, 100%, 19%
HSV	65°, 100%, 37%
XYZ	8.0227, 10.2107, 1.5480
YIQ	81.7780, 25.7270, -31.2410

# Conversions

## Conversions Part 2

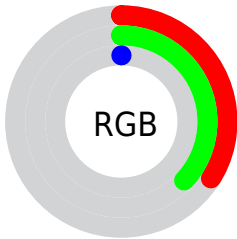
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 8
Decimal	5725952
CIELab	38.22, -14.37, 45.03
CIELCh	38, 47.265, 107.698
Yxy	10.2107, 0.4056, 0.5162
Android (android.graphics.Color)	4283916032 (0xFF575F00)
YUV	81.7780, -40.3166, 4.5797
Hunter-Lab	31.9541, -11.1039, 19.4956

# Details

The Hex color **575F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **08005F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8C9139**, and **253100** is the 20% darker color. If you saturate the color by 10%, you get **575F00**, and if you desaturate by 10%, it is **585F09**.

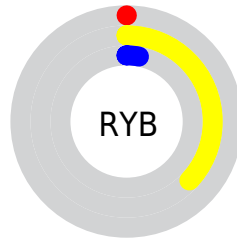
# Distribution



Red (34%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (3%)

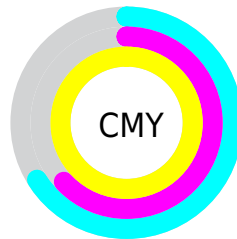


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (66%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 575F00 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 575F00 by changing the saturation by 10% instead.



 575F00

 575F00

 FFFFF6

 3E4700

 8C9139

 253100

 A7AC52

 091D00

 C3C76C

 000000

 E0E386

 FDFFA1

 FFFFBC

 FFFF99

 575F00

 585F09

 595F13

 595F1D

 5A5F26

 5B5F30

 5C5F39

 5D5F43

 5D5F4C

 5E5F56

# Harmonies

## Analogous

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



795202



575F00



276722

# Triad

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



575F00



006A92



97366B

# Complementary

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



575F00



08005F

# 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.



78458E



575F00



0063A5

# Square

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



575F00



006C70



3756A3



9E3445

# Rectangle

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



575F00



006A3B



3756A3



8F3A78



# Sweetspot

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



575F00



777A56



5F0800



3B3D27



BDBDBD



3D3D3D



# Same Dimension

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



575F00



707A00



285F00



30302C



677000



DCF000



# Inverse Universe

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



08005F



0A007A



37005F



2C2C30



090070



1400F0



# Previews

## White Background



This preview shows how the Hex color 575F00 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 575F00 Background



This preview shows how black text looks on a background with the Hex color 575F00.



This preview shows how white text looks on a background with the Hex color 575F00.

# 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**  
575F00

**Protanopia**  
665A00

**Deuteranopia**  
725510



**Tritanopia**  
5E585F

# Trichromacy



**Original Color**  
575F00

**Protanomaly**  
615C00

**Deuteranomaly**  
68590A

**Tritanomaly**  
5B5B3C

# Monochromacy



**Original Color**  
575F00

**Achromatopsia**  
525252

**Achromatomaly**  
545734

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 575F00 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 #575F00 looks like.

```
.text, #text, p{  
    color:#575F00  
}
```

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 #575F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575F00
}
```

## Border

The CSS property to change the border of an element to Hex 575F00 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
#575F00 }
```

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

```
.border{ border-color:#575F00 }
```

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

Here you see how a box with a 4 pixel #575F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575F00; -webkit-box-shadow:4px 4px  
4px 4px #575F00; box-shadow:4px 4px 4px  
4px #575F00 }
```

# Background

The CSS property to change the background color of an element to Hex 575F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575F00 }
```

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

```
.background{ background-color:#575F00 }
```

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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