

# Converting Colors

Hex(554F00)

Have a look what the booklet for  
Hex(554F00) contains.

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# Color

Hex(554F00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	554F00
RGB	85, 79, 0
RGB Percent	33%, 31%, 0%
CMY	0.6667, 0.6902, 1.0000
CMYK	0.00, 0.07, 1.00, 0.67
HSL	56°, 100%, 17%
HSV	56°, 100%, 33%
XYZ	6.5423, 7.5233, 1.1073
YIQ	71.7880, 28.9350, -23.2970

# Conversions

## Conversions Part 2

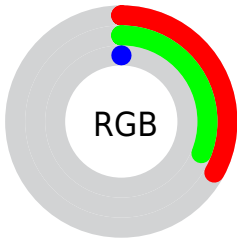
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 85, 0
Decimal	5590784
CIELab	32.97, -6.16, 41.10
CIELCh	33, 41.559, 98.530
Yxy	7.5233, 0.4312, 0.4958
Android (android.graphics.Color)	4283780864 (0xFF554F00)
YUV	71.7880, -35.3915, 11.5869
Hunter-Lab	27.4286, -5.4239, 16.8064

# Details

The Hex color **554F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000655**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8A8035**, and **242300** is the 20% darker color. If you saturate the color by 10%, you get **554F00**, and if you desaturate by 10%, it is **555008**.

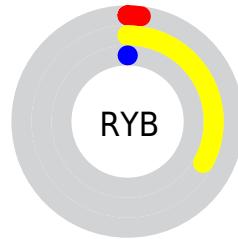
# Distribution



Red (33%)

Green (31%)

Blue (0%)



Red (2%)

Yellow (33%)

Blue (0%)

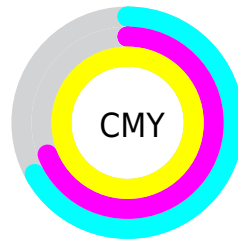


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 554F00 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 554F00 by changing the saturation by 10% instead.



 554F00

 554F00

 FFFFEF

 3D3800

 8A8035

 242300

 A59A4D

 010F00

 C1B467

 000000

 DED080

 FBEC9B

 FFFFB6

 FFFF D2

 554F00

■ 555008

■ 555011

■ 555119

■ 555122

■ 55522A

■ 555333

■ 55533B

■ 555444

■ 55544C

# Harmonies

## Analogous

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



70430B



554F00



325715

# Triad

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



554F00



005C76



7C3266

# Complementary

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



554F00



000655

# 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.



5B4181



554F00



00578B

# Square

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



554F00



005D56



094E8F



882C46

# Rectangle

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



554F00



045A29



094E8F



733670



# Sweetspot

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



554F00



6E6B4D



550007



383724



B8B8B8



383838



# Same Dimension

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



554F00



6E6600



325500



2B2B27



6B6400



EBDA00



# Inverse Universe

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



000655



00086E



230055



27272B



00086B

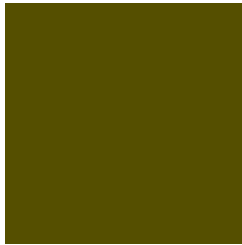


0011EB



# Previews

## White Background



This preview shows how the Hex color 554F00 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

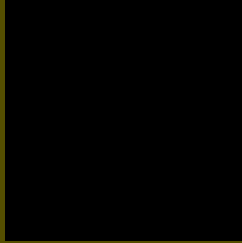
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 554F00 Background



This preview shows how black text looks on a background with the Hex color 554F00.



This preview shows how white text looks on a background with the Hex color 554F00.

# 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**  
554F00

**Protanopia**  
584E00

**Deuteranopia**  
624A0B



**Tritanopia**  
5A494F

# Trichromacy



**Original Color**  
554F00

**Protanomaly**  
574E00

**Deuteranomaly**  
5D4C07

**Tritanomaly**  
584B32

# Monochromacy



**Original Color**  
554F00

**Achromatopsia**  
484848

**Achromatomaly**  
4D4B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 554F00 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 #554F00 looks like.

```
.text, #text, p{  
    color:#554F00  
}
```

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 #554F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #554F00
}
```

## Border

The CSS property to change the border of an element to Hex 554F00 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
#554F00 }
```

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

```
.border{ border-color:#554F00 }
```

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

Here you see how a box with a 4 pixel #554F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #554F00; -webkit-box-shadow:4px 4px  
4px 4px #554F00; box-shadow:4px 4px 4px  
4px #554F00 }
```

# Background

The CSS property to change the background color of an element to Hex 554F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#554F00 }
```

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

```
.background{ background-color:#554F00 }
```

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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