

# Converting Colors

Hex(557F35)

Have a look what the booklet for  
Hex(557F35) contains.

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# Color

Hex(557F35)

# Conversions

## Conversions Part 1

Format	Color
Hex	557F35
RGB	85, 127, 53
RGB Percent	33%, 50%, 21%
CMY	0.6667, 0.5020, 0.7922
CMYK	0.33, 0.00, 0.58, 0.50
HSL	94°, 41%, 35%
HSV	94°, 58%, 50%
XYZ	11.9783, 17.3671, 6.0890
YIQ	106.0060, -1.2780, -31.9180

# Conversions

## Conversions Part 2

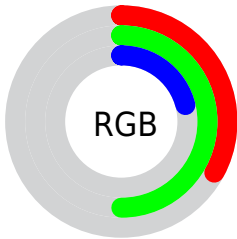
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 127, 95
Decimal	5603125
CIELab	48.72, -28.28, 35.10
CIELCh	49, 45.078, 128.857
Yxy	17.3671, 0.3380, 0.4901
Android (android.graphics.Color)	4283793205 (0xFF557F35)
YUV	106.0060, -26.1320, -18.4223
Hunter-Lab	41.6738, -21.6230, 20.5087

# Details

The Hex color **557F35** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5F357F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **89B466**, and **234D03** is the 20% darker color. If you saturate the color by 10%, you get **4E7F28**, and if you desaturate by 10%, it is **5C7F42**.

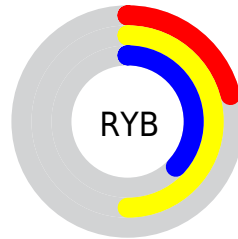
# Distribution



Red (33%)

Green (50%)

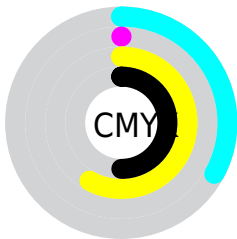
Blue (21%)



Red (21%)

Yellow (50%)

Blue (37%)

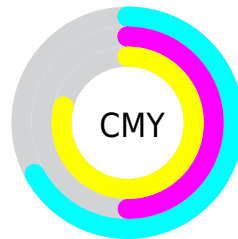


Cyan (33%)

Magenta (0%)

Yellow (58%)

Black (50%)



Cyan (67%)

Magenta (50%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557F35 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 557F35 by changing the saturation by 10% instead.





557F35



557F35

FFFFFF



3C661D



89B466



234D03



A4D080



093600



C0EC9A



002200



DCFFB6



000000



F9FFD1



FFFEE



557F35



557F35



4E7F28



5C7F42

■ 477F1C

■ 637F4E

■ 3F7F0F

■ 6B7F5B

■ 387F02

■ 727F68

■ 377F00

■ 797F75

■ 807F81

■ 877F8E

■ 8F7F9B

■ 967FA7

# Harmonies

## Analogous

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



7E7523



557F35



068557

# Triad

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



557F35



007FBA



BA516A

# Complementary

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



557F35



5F357F

# 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.



AB5690



557F35



4074BF

# Square

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



557F35



0085A3



8565AF



B45946

# Rectangle

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



557F35



008671



8565AF



B75177



# Sweetspot

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



557F35



96A68A



7F5F35



4B5443



D4D4D4



545454



# Same Dimension

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



557F35



64A632



357F3A



3C4039



378000



000000



# Inverse Universe

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



5F357F



7432A6



7F357A



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 557F35 looks on a white background.

## Color Contrast Check

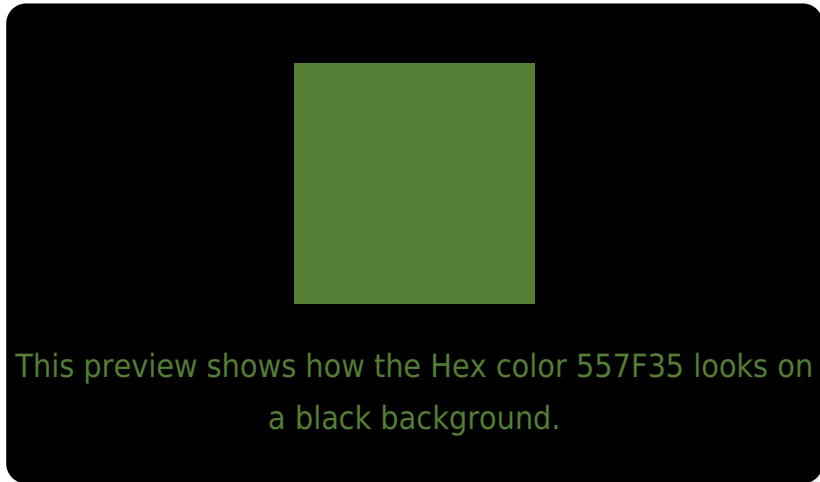
Large Text (above 18pt) WCAG AA ✓ Pass

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 557F35 Background



This preview shows how black text looks on a background with the Hex color 557F35.



This preview shows how white text looks on a background with the Hex color 557F35.

# 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**  
557F35

**Protanopia**  
807331

**Deuteranopia**  
8E6E3A



**Tritanopia**  
607781

# Trichromacy



**Original Color**  
557F35

**Protanomaly**  
707732

**Deuteranomaly**  
797438

**Tritanomaly**  
5C7A65

# Monochromacy



**Original Color**  
557F35

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
627257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557F35 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 #557F35 looks like.

```
.text, #text, p{  
    color:#557F35  
}
```

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 #557F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557F35
}
```

## Border

The CSS property to change the border of an element to Hex 557F35 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
#557F35 }
```

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

```
.border{ border-color:#557F35 }
```

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

Here you see how a box with a 4 pixel #557F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557F35; -webkit-box-shadow:4px 4px  
4px 4px #557F35; box-shadow:4px 4px 4px  
4px #557F35 }
```

# Background

The CSS property to change the background color of an element to Hex 557F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557F35 }
```

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

```
.background{ background-color:#557F35 }
```

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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