

Converting Colors

Hex(55571F)

Have a look what the booklet for
Hex(55571F) contains.

Hex(55571F)	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(55571F)

Conversions

Conversions Part 1

Format	Color
Hex	55571F
RGB	85, 87, 31
RGB Percent	33%, 34%, 12%
CMY	0.6667, 0.6588, 0.8784
CMYK	0.02, 0.00, 0.64, 0.66
HSL	62°, 47%, 23%
HSV	62°, 64%, 34%
XYZ	7.4018, 8.8466, 2.6138
YIQ	80.0180, 16.7840, -17.8400

Conversions

Conversions Part 2

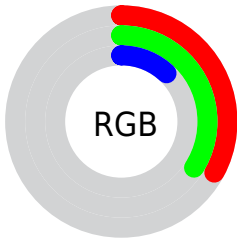
Format	Color
R_{YB}	31, 87, 33
Decimal	5592863
CIE Lab	35.69, -9.27, 31.42
CIE LCh	36, 32.761, 106.438
Yxy	8.8466, 0.3924, 0.4690
Android (android.graphics.Color)	4283782943 (0xFF55571F)
YUV	80.0180, -24.1659, 4.3692
Hunter-Lab	29.7433, -7.6297, 15.6100

Details

The Hex color **55571F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **211F57**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **88894E**, and **262A00** is the 20% darker color. If you saturate the color by 10%, you get **555716**, and if you desaturate by 10%, it is **555728**.

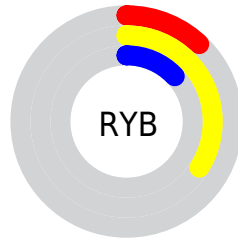
Distribution



Red (33%)

Green (34%)

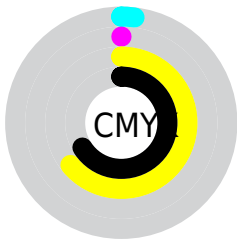
Blue (12%)



Red (12%)

Yellow (34%)

Blue (13%)

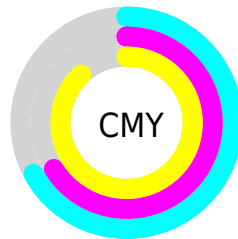


Cyan (2%)

Magenta (0%)

Yellow (64%)

Black (66%)



Cyan (67%)

Magenta (66%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55571F 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 55571F by changing the saturation by 10% instead.



55571F



55571F

FFFFFF



3D4007



88894E



262A00



A3A367



081600



BFBE80



000000



DBDA9A



F8F6B5



FFFFD1



FFFEE



55571F



55571F

■ 555716

■ 555728

■ 54570E

■ 565730

■ 545705

■ 565739

■ 545700

■ 565742

■ 57574B

■ 575753

■ 57575C

■ 575765

■ 58576D

Harmonies

Analogous

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



6D4E20



55571F



375D2E

Triad

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



55571F



005F79



7E3F61

Complementary

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



55571F



211F57

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.



684778



55571F



005A87

Square

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



55571F



006162



415286



853E47

Rectangle

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



55571F



1B5F3E



415286



794169

Sweetspot

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



55571F



6F705B



57211F



38382B



B8B8B8



383838

Same Dimension

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



55571F



6D701A



39571F



2B2B27



676B00



E2EB00

Inverse Universe

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



211F57



1D1A70



3D1F57



27272B



04006B



0800EB

Previews

White Background



This preview shows how the Hex color 55571F looks on a white background.

Color Contrast Check

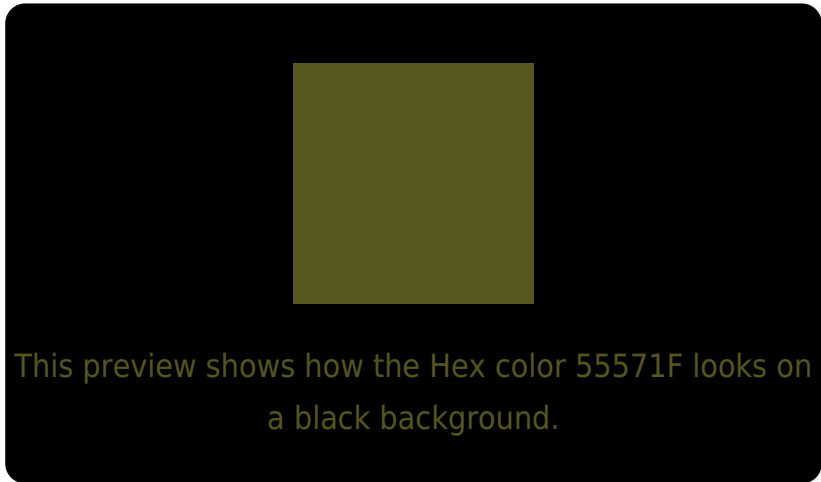
Large Text (above 18pt) WCAG AA ✓ Pass

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

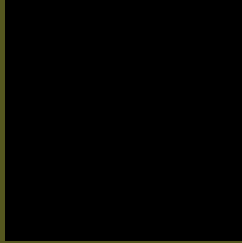
Any Text WCAG AA × Fail

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 55571F Background



This preview shows how black text looks on a background with the Hex color 55571F.



This preview shows how white text looks on a background with the Hex color 55571F.

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
55571F

Protanopia
5E541E

Deuteranopia
685021



Tritanopia
5A5158

Trichromacy



Original Color
55571F

Protanomaly
5B551E

Deuteranomaly
615320

Tritanomaly
585343

Monochromacy



Original Color
55571F

Achromatopsia
505050

Achromatomaly
52533E

CSS Examples

Text

The CSS property to change the color of the text to Hex 55571F 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 #55571F looks like.

```
.text, #text, p{  
    color:#55571F  
}
```

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 #55571F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55571F
}
```

Border

The CSS property to change the border of an element to Hex 55571F 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
#55571F }
```

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

```
.border{ border-color:#55571F }
```

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

Here you see how a box with a 4 pixel #55571F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55571F; -webkit-box-shadow:4px 4px  
4px 4px #55571F; box-shadow:4px 4px 4px  
4px #55571F }
```

Background

The CSS property to change the background color of an element to Hex 55571F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55571F }
```

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

```
.background{ background-color:#55571F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor