

Converting Colors

Hex(45591F)

Have a look what the booklet for
Hex(45591F) contains.

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Color

Hex(45591F)

Conversions

Conversions Part 1

Format	Color
Hex	45591F
RGB	69, 89, 31
RGB Percent	27%, 35%, 12%
CMY	0.7294, 0.6510, 0.8784
CMYK	0.22, 0.00, 0.65, 0.65
HSL	81°, 48%, 24%
HSV	81°, 65%, 35%
XYZ	6.2739, 8.5089, 2.6080
YIQ	76.4080, 6.6980, -22.2780

Conversions

Conversions Part 2

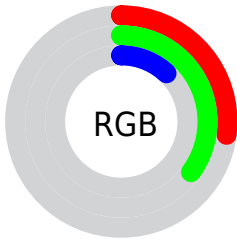
Format	Color
R_{YB}	31, 89, 51
Decimal	4544799
CIE Lab	35.02, -17.85, 30.32
CIE LCh	35, 35.179, 120.486
Yxy	8.5089, 0.3608, 0.4893
Android (android.graphics.Color)	4282734879 (0xFF45591F)
YUV	76.4080, -22.3861, -6.4968
Hunter-Lab	29.1700, -12.6554, 15.1180

Details

The Hex color **45591F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **331F59**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **778B4E**, and **182B00** is the 20% darker color. If you saturate the color by 10%, you get **425916**, and if you desaturate by 10%, it is **485928**.

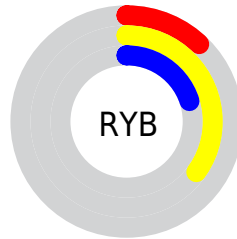
Distribution



Red (27%)

Green (35%)

Blue (12%)



Red (12%)

Yellow (35%)

Blue (20%)

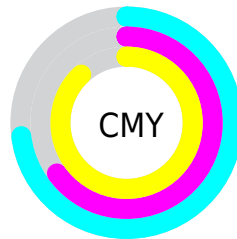


Cyan (22%)

Magenta (0%)

Yellow (65%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45591F 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 45591F by changing the saturation by 10% instead.



45591F



45591F

FFFFFF



2D4207



778B4E



182B00



91A566



001900



ACC180



000000



C8DC9A



E4F9B5



FFFFD1



FFFFEE



45591F



45591F

■ 425916

■ 485928

■ 3F590D

■ 4B5931

■ 3C5904

■ 4E593A

■ 3A5900

■ 515943

■ 54594C

■ 575954

■ 5A595D

■ 5E5966

■ 61596F

Harmonies

Analogous

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



615116



45591F



1D5E35

Triad

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



45591F



005C83



843953

Complementary

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



45591F



331F59

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.



753F6E



45591F



11558A

Square

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



45591F



00606E



544B83



843D38

Rectangle

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



45591F



006048



544B83



813A5D

Sweetspot

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



45591F



6B735C



59321F



363B2D



BABABA



3B3B3B

Same Dimension

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



45591F



547319



29591F



2A2B27



466B00



9AEB00

Inverse Universe

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



331F59



381973



4F1F59



29272B



25006B



5100EB

Previews

White Background



This preview shows how the Hex color 45591F looks on a white background.

Color Contrast Check

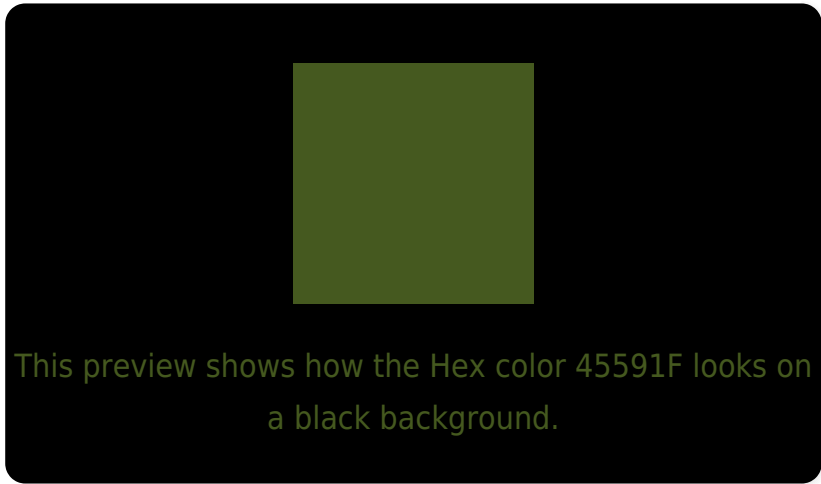
Large Text (above 18pt) WCAG AA ✓ Pass

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

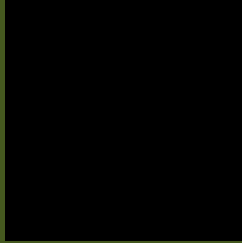
Any Text WCAG AA × Fail

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 45591F Background



This preview shows how black text looks on a background with the Hex color 45591F.



This preview shows how white text looks on a background with the Hex color 45591F.

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
45591F

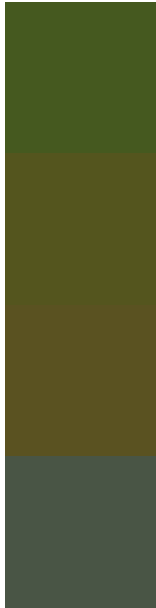
Protanopia
5C521D

Deuteranopia
664E22



Tritanopia
4C535A

Trichromacy



Original Color
45591F

Protanomaly
54551E

Deuteranomaly
5A5221

Tritanomaly
495545

Monochromacy



Original Color
45591F

Achromatopsia
4C4C4C

Achromatomaly
49513C

CSS Examples

Text

The CSS property to change the color of the text to Hex 45591F 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 #45591F looks like.

```
.text, #text, p{  
    color:#45591F  
}
```

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 #45591F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45591F
}
```

Border

The CSS property to change the border of an element to Hex 45591F 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
#45591F }
```

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

```
.border{ border-color:#45591F }
```

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

Here you see how a box with a 4 pixel #45591F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45591F; -webkit-box-shadow:4px 4px  
4px 4px #45591F; box-shadow:4px 4px 4px  
4px #45591F }
```

Background

The CSS property to change the background color of an element to Hex 45591F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45591F }
```

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

```
.background{ background-color:#45591F }
```

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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