

Converting Colors

Hex(45701F)

Have a look what the booklet for
Hex(45701F) contains.

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Color

Hex(45701F)

Conversions

Conversions Part 1

Format	Color
Hex	45701F
RGB	69, 112, 31
RGB Percent	27%, 44%, 12%
CMY	0.7294, 0.5608, 0.8784
CMYK	0.38, 0.00, 0.72, 0.56
HSL	92°, 57%, 28%
HSV	92°, 72%, 44%
XYZ	8.4957, 12.9525, 3.3486
YIQ	89.9090, 0.3730, -34.3070

Conversions

Conversions Part 2

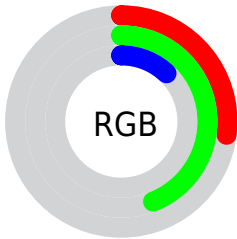
Format	Color
RYB	31, 112, 74
Decimal	4550687
CIELab	42.69, -29.42, 38.53
CIELCh	43, 48.480, 127.366
Yxy	12.9525, 0.3426, 0.5223
Android (android.graphics.Color)	4282740767 (0xFF45701F)
YUV	89.9090, -29.0421, -18.3372
Hunter-Lab	35.9896, -20.8448, 19.6761

Details

The Hex color **45701F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A1F70**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **79A450**, and **134000** is the 20% darker color. If you saturate the color by 10%, you get **3F7014**, and if you desaturate by 10%, it is **4B702A**.

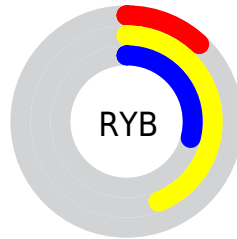
Distribution



Red (27%)

Green (44%)

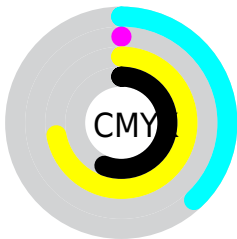
Blue (12%)



Red (12%)

Yellow (44%)

Blue (29%)

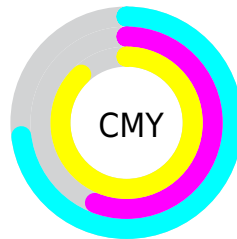


Cyan (38%)

Magenta (0%)

Yellow (72%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45701F 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 45701F by changing the saturation by 10% instead.



45701F



45701F

FFFFFF



2C5703



79A450



134000



94BF6A



002900



AFDB83



001100



CBF89E



000000



E8FFBA



FFFFD6



FFFFF2



45701F



45701F

■ 3F7014

■ 4B702A

■ 397009

■ 517035

■ 357000

■ 577041

■ 5D704C

■ 637057

■ 697062

■ 6F706D

■ 757079

■ 7B7084

Harmonies

Analogous

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



706605



45701F



007644

Triad

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



45701F



0071AF



AC3D5D

Complementary

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



45701F



4A1F70

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.



9C4484



45701F



0E66B5

Square

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



45701F



007794



7356A5



A74736

Rectangle

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



45701F



007760



7356A5



AA3E6A

Sweetspot

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



45701F



809171



70491F



404A37



C9C9C9



4A4A4A

Same Dimension

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



45701F



4E9113



1F7020



353832



387800



74F700

Inverse Universe

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



4A1F70



561391



701F6F



353238



400078



8300F7

Previews

White Background



This preview shows how the Hex color 45701F looks on a white background.

Color Contrast Check

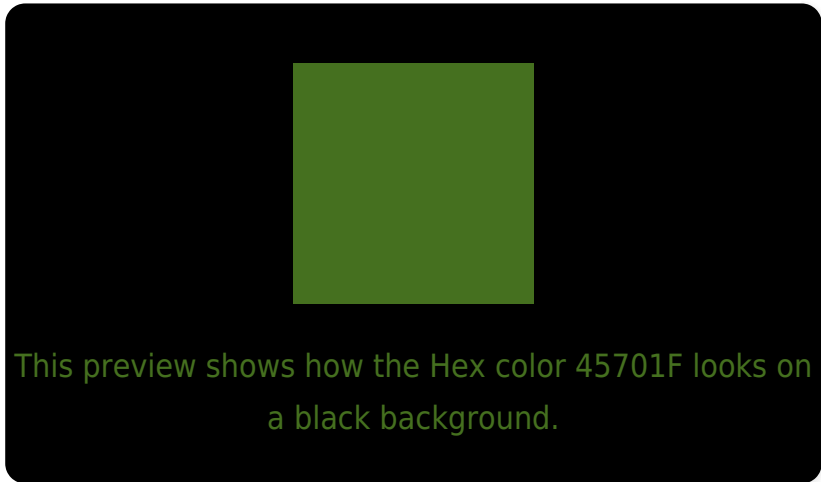
Large Text (above 18pt) WCAG AA ✓ Pass

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 45701F Background



This preview shows how black text looks on a background with the Hex color 45701F.



This preview shows how white text looks on a background with the Hex color 45701F.

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
45701F

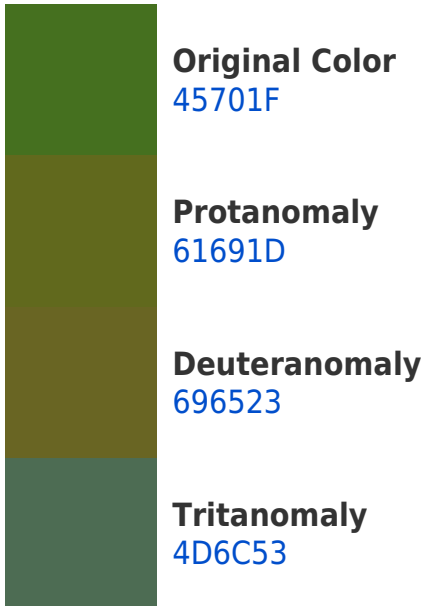
Protanopia
71651C

Deuteranopia
7D5F25

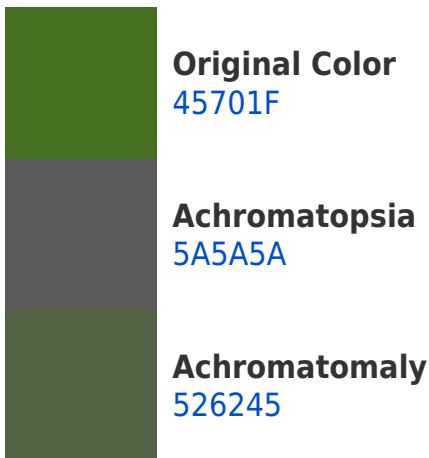


Tritanopia
516971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45701F 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 #45701F looks like.

```
.text, #text, p{  
    color:#45701F  
}
```

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 #45701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45701F
}
```

Border

The CSS property to change the border of an element to Hex 45701F 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
#45701F }
```

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

```
.border{ border-color:#45701F }
```

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

Here you see how a box with a 4 pixel #45701F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45701F; -webkit-box-shadow:4px 4px  
4px 4px #45701F; box-shadow:4px 4px 4px  
4px #45701F }
```

Background

The CSS property to change the background color of an element to Hex 45701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45701F }
```

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

```
.background{ background-color:#45701F }
```

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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