

Converting Colors

Hex(46530F)

Have a look what the booklet for
Hex(46530F) contains.

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Color

Hex(46530F)

Conversions

Conversions Part 1

Format	Color
Hex	46530F
RGB	70, 83, 15
RGB Percent	27%, 33%, 6%
CMY	0.7255, 0.6745, 0.9412
CMYK	0.16, 0.00, 0.82, 0.67
HSL	71°, 69%, 19%
HSV	71°, 82%, 33%
XYZ	5.7053, 7.5231, 1.6033
YIQ	71.3610, 14.0800, -23.9040

Conversions

Conversions Part 2

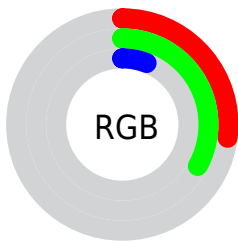
Format	Color
R_{YB}	15, 83, 28
Decimal	4608783
CIE _{Lab}	32.97, -15.30, 35.41
CIE _{LCh}	33, 38.574, 113.373
Yxy	7.5231, 0.3847, 0.5072
Android (android.graphics.Color)	4282798863 (0xFF46530F)
YUV	71.3610, -27.7860, -1.1936
Hunter-Lab	27.4283, -10.8702, 15.7339

Details

The Hex color **46530F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C0F53**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **79843F**, and **172600** is the 20% darker color. If you saturate the color by 10%, you get **445307**, and if you desaturate by 10%, it is **485317**.

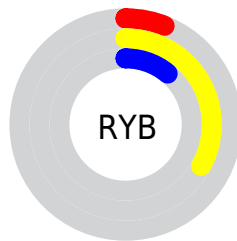
Distribution



Red (27%)

Green (33%)

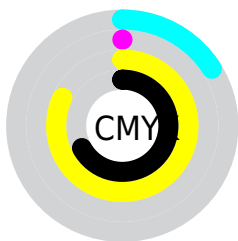
Blue (6%)



Red (6%)

Yellow (33%)

Blue (11%)

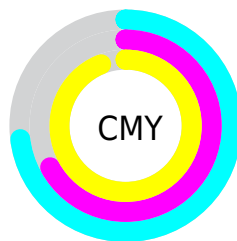


Cyan (16%)

Magenta (0%)

Yellow (82%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46530F 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 46530F by changing the saturation by 10% instead.

 46530F

 46530F

 FFFFFA

 2F3C00

 79843F

 172600

 939F58

 001200

 AEB971

 000000

 CAD58B

 E7F2A6

 FFFFC1

 FFFFDD

 46530F

 46530F

■ 445307

■ 485317

■ 435300

■ 495320

■ 4B5328

■ 4C5330

■ 4E5339

■ 505341

■ 515349

■ 535351

■ 54535A

Harmonies

Analogous

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



634A0A



46530F



1D5927

Triad

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



46530F



00597E



813156

Complementary

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



46530F



1C0F53

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.



6C3B72



46530F



00538A

Square

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



46530F



005C65



414886



843337

Rectangle

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



46530F



005B3B



414886



7C3360

Sweetspot

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



46530F



666B50



531B0F



323625



B5B5B5



363636

Same Dimension

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



46530F



576B02



25530F



282925



556900



BCE800

Inverse Universe

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



1C0F53



16026B



3D0F53



262529



140069



2C00E8

Previews

White Background



This preview shows how the Hex color 46530F looks on a white background.

Color Contrast Check

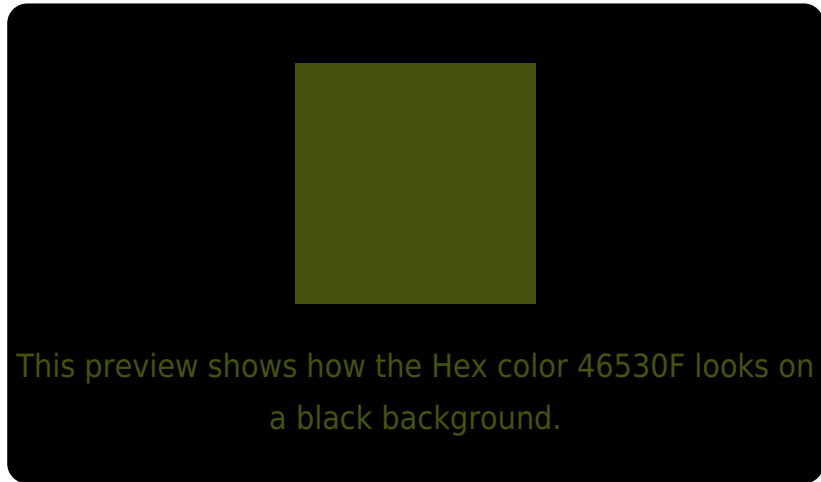
Large Text (above 18pt) WCAG AA ✓ Pass

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

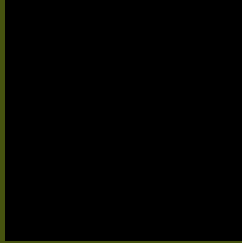
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

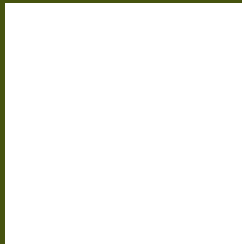
Any Text WCAG AAA × Fail

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

Hex 46530F Background



This preview shows how black text looks on a background with the Hex color 46530F.



This preview shows how white text looks on a background with the Hex color 46530F.

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
46530F

Protanopia
574E0E

Deuteranopia
614A14



Tritanopia
4C4D53

Trichromacy



Original Color
46530F

Protanomaly
51500E

Deuteranomaly
574D12

Tritanomaly
4A4F3A

Monochromacy



Original Color
46530F

Achromatopsia
474747

Achromatomaly
474B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 46530F 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 #46530F looks like.

```
.text, #text, p{  
    color:#46530F  
}
```

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 #46530F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46530F
}
```

Border

The CSS property to change the border of an element to Hex 46530F is called "border". The border property can be set on classes, ids or directly on the HTML element.

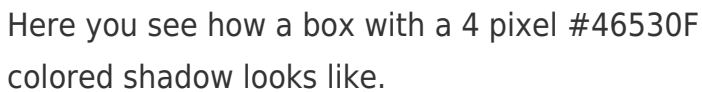
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46530F }
```

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

```
.border{ border-color:#46530F }
```

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



Here you see how a box with a 4 pixel #46530F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46530F; -webkit-box-shadow:4px 4px  
4px 4px #46530F; box-shadow:4px 4px 4px  
4px #46530F }
```

Background

The CSS property to change the background color of an element to Hex 46530F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46530F }
```

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

```
.background{ background-color:#46530F }
```

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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