

Converting Colors

Hex(46C13F)

Have a look what the booklet for
Hex(46C13F) contains.

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Color

Hex(46C13F)

Conversions

Conversions Part 1

Format	Color
Hex	46C13F
RGB	70, 193, 63
RGB Percent	27%, 76%, 25%
CMY	0.7255, 0.2431, 0.7529
CMYK	0.64, 0.00, 0.67, 0.24
HSL	117°, 51%, 50%
HSV	117°, 67%, 76%
XYZ	22.4930, 39.8009, 11.1995
YIQ	141.4030, -31.5780, -66.5060

Conversions

Conversions Part 2

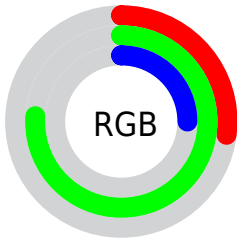
Format	Color
RYB	63, 193, 186
Decimal	4636991
CIELab	69.33, -58.52, 53.41
CIELCh	69, 79.228, 137.615
Yxy	39.8009, 0.3061, 0.5416
Android (android.graphics.Color)	4282827071 (0xFF46C13F)
YUV	141.4030, -38.6527, -62.6204
Hunter-Lab	63.0880, -46.7627, 33.6363

Details

The Hex color **46C13F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **BA3FC1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **84FB75**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **34C12C**, and if you desaturate by 10%, it is **58C152**.

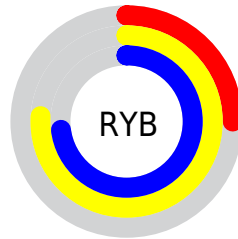
Distribution



Red (27%)

Green (76%)

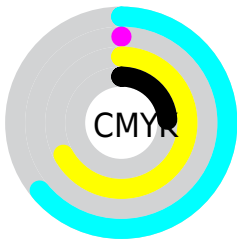
Blue (25%)



Red (25%)

Yellow (76%)

Blue (73%)

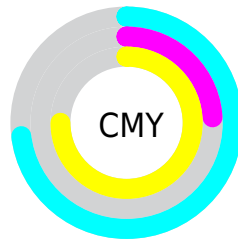


Cyan (64%)

Magenta (0%)

Yellow (67%)

Black (24%)



Cyan (73%)

Magenta (24%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C13F 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 46C13F by changing the saturation by 10% instead.



46C13F



46C13F

FFFFFF



1FA523



84FB75



008A00



A2FF90



007000



BFFFAB



005600



DDFFC8



003D00



FCFFE4



002600



000000



46C13F



46C13F



34C12C



58C152

 21C118

 6BC166

 0FC105

 7DC179

 0AC100

 8FC18C

 A1C1A0

 B4C1B3

 C6C1C6

 D8C1D9

 EAC1ED

Harmonies

Analogous

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



A3B300



46C13F



00C888

Triad

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



46C13F



00BAFF



FF5F82

Complementary

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



46C13F



BA3FC1

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.



FF62CA



46C13F



62A3FF

Square

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



46C13F



00C6FF



E181FF



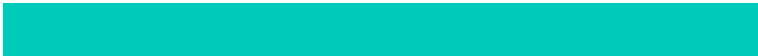
FF7C40

Rectangle

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



46C13F



00CABA



E181FF



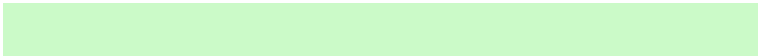
FF5C9A

Sweetspot

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



46C13F



CBFAC8



C1B83F



617D5F



FCFCFC



7D7D7D

Same Dimension

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



46C13F



3AFA2F



3FC177



586157



09A100



022100

Inverse Universe

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



BA3FC1



EF2FFA



C13F89



605761



9800A1



1F0021

Previews

White Background



This preview shows how the Hex color 46C13F looks on a white background.

Color Contrast Check

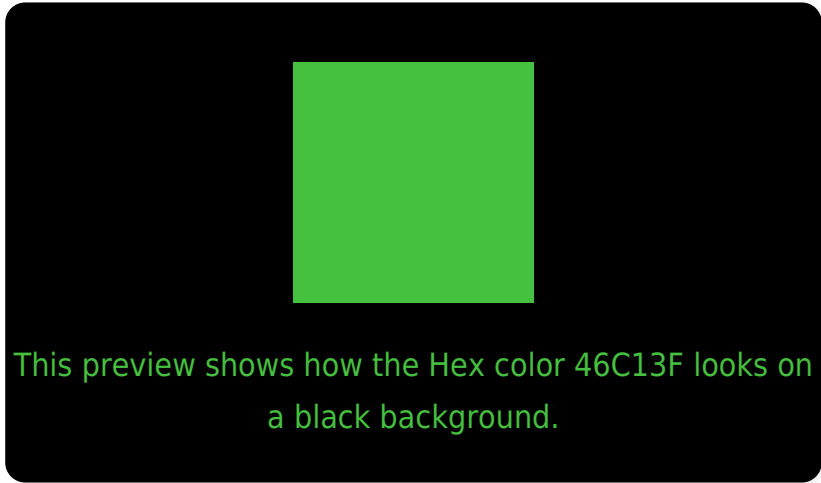
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

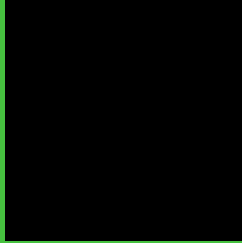
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 46C13F Background



This preview shows how black text looks on a background with the Hex color 46C13F.

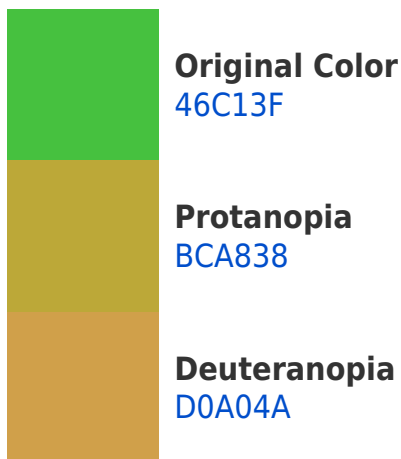


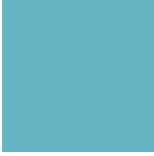
This preview shows how white text looks on a background with the Hex color 46C13F.

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





Tritanopia
66B4C3

Trichromacy



Original Color
46C13F



Protanomaly
91B13B



Deuteranomaly
9EAC46



Tritanomaly
5AB993

Monochromacy



Original Color
46C13F



Achromatopsia
8D8D8D



Achromatomaly
73A071

CSS Examples

Text

The CSS property to change the color of the text to Hex 46C13F 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 #46C13F looks like.

```
.text, #text, p{  
    color:#46C13F  
}
```

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 #46C13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C13F
}
```

Border

The CSS property to change the border of an element to Hex 46C13F 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
#46C13F }
```

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

```
.border{ border-color:#46C13F }
```

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

Here you see how a box with a 4 pixel #46C13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C13F; -webkit-box-shadow:4px 4px  
4px 4px #46C13F; box-shadow:4px 4px 4px  
4px #46C13F }
```

Background

The CSS property to change the background color of an element to Hex 46C13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C13F }
```

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

```
.background{ background-color:#46C13F }
```

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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