

Converting Colors

Hex(46F141)

Have a look what the booklet for
Hex(46F141) contains.

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Color

Hex(46F141)

Conversions

Conversions Part 1

Format	Color
Hex	46F141
RGB	70, 241, 65
RGB Percent	27%, 95%, 25%
CMY	0.7255, 0.0549, 0.7451
CMYK	0.71, 0.00, 0.73, 0.05
HSL	118°, 86%, 60%
HSV	118°, 73%, 95%
XYZ	34.9352, 64.5943, 15.6277
YIQ	169.8070, -45.4200, -90.9880

Conversions

Conversions Part 2

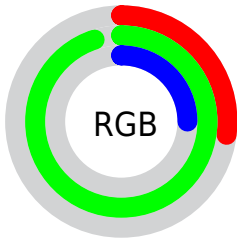
Format	Color
RYB	65, 241, 236
Decimal	4649281
CIELab	84.27, -74.06, 68.17
CIELCh	84, 100.656, 137.369
Yxy	64.5943, 0.3034, 0.5609
Android (android.graphics.Color)	4282839361 (0xFF46F141)
YUV	169.8070, -51.6699, -87.5307
Hunter-Lab	80.3706, -63.0588, 44.7307

Details

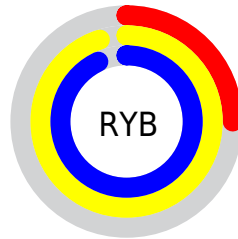
The Hex color **46F141** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **EC41F1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8DFF7B**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **2FF129**, and if you desaturate by 10%, it is **5DF159**.

Distribution



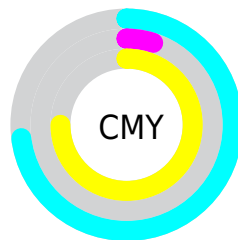
- Red (27%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (93%)



- Cyan (71%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (73%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46F141 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 46F141 by changing the saturation by 10% instead.

 46F141

 46F141


FFFFFF

 02D41F

 8DFF7B

 00B700

 ADF97

 009B00

 CCFFB4

 008000

 ECFFD1

 006500

 FFFFEE

 004B00

 003300

 001800

 000000

 46F141

 46F141

 2FF129

 5DF159

 17F111

 75F171

 07F100

 8CF189

 A4F1A1

 BBF1BA

 D2F1D2

 EAF1EA

 FFF1FF

Harmonies

Analogous

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



C8DF00



46F141



00FAA5

Triad

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



46F141



00E9FF



FF69A0

Complementary

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



46F141



EC41F1

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.



FF6DFF



46F141



62CAFF

Square

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



46F141



00F8FF



FF9CFF



FF9445

Rectangle

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



46F141



00FCE8



FF9CFF



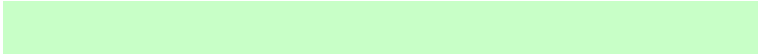
FF63BF

Sweetspot

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



46F141



C8FFC7



F1EB41



5F805E



000000



808080

Same Dimension

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



46F141



25FF1F



41F193



6C786C



05B800



023800

Inverse Universe

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



EC41F1



F91FFF



F1419F



786C78



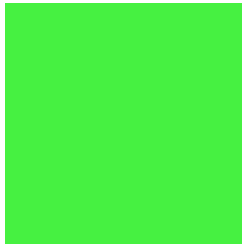
B200B8



370038

Previews

White Background



This preview shows how the Hex color 46F141 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



This preview shows how the Hex color 46F141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

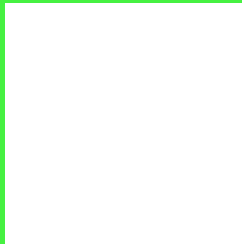
Any Text WCAG AAA ✓ Pass

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

Hex 46F141 Background



This preview shows how black text looks on a background with the Hex color 46F141.

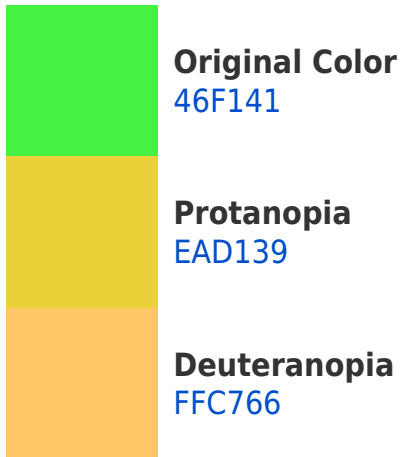


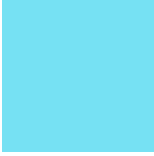
This preview shows how white text looks on a background with the Hex color 46F141.

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](#).

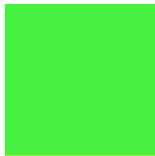
Dichromacy





Tritanopia
76E1F3

Trichromacy



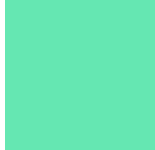
Original Color
46F141



Protanomaly
AEDD3C

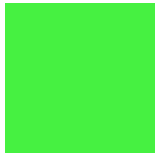


Deuteranomaly
BCD659

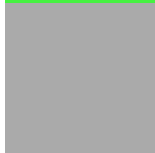


Tritanomaly
65E7B2

Monochromacy



Original Color
46F141



Achromatopsia
AAAAAA



Achromatomaly
86C484

CSS Examples

Text

The CSS property to change the color of the text to Hex 46F141 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 #46F141 looks like.

```
.text, #text, p{  
    color:#46F141  
}
```

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 #46F141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46F141
}
```

Border

The CSS property to change the border of an element to Hex 46F141 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
#46F141 }
```

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

```
.border{ border-color:#46F141 }
```

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

Here you see how a box with a 4 pixel #46F141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46F141; -webkit-box-shadow:4px 4px  
4px 4px #46F141; box-shadow:4px 4px 4px  
4px #46F141 }
```

Background

The CSS property to change the background color of an element to Hex 46F141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46F141 }
```

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

```
.background{ background-color:#46F141 }
```

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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