

Converting Colors

Hex(46C876)

Have a look what the booklet for
Hex(46C876) contains.

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Color

Hex(46C876)

Conversions

Conversions Part 1

Format	Color
Hex	46C876
RGB	70, 200, 118
RGB Percent	27%, 78%, 46%
CMY	0.7255, 0.2157, 0.5373
CMYK	0.65, 0.00, 0.41, 0.22
HSL	142°, 54%, 53%
HSV	142°, 65%, 78%
XYZ	26.4501, 43.9187, 24.2226
YIQ	151.7820, -51.1580, -53.0620

Conversions

Conversions Part 2

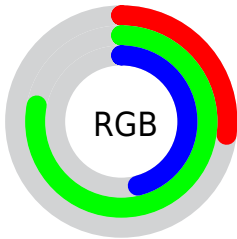
Format	Color
RYB	70, 165, 200
Decimal	4638838
CIELab	72.17, -53.62, 30.84
CIELCh	72, 61.859, 150.097
Yxy	43.9187, 0.2796, 0.4643
Android (android.graphics.Color)	4282828918 (0xFF46C876)
YUV	151.7820, -16.6545, -71.7228
Hunter-Lab	66.2711, -44.7318, 24.7188

Details

The Hex color **46C876** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C84698**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **83FFAB**, and **009144** is the 20% darker color. If you saturate the color by 10%, you get **32C869**, and if you desaturate by 10%, it is **5AC883**.

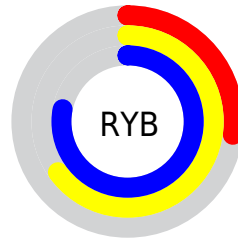
Distribution



Red (27%)

Green (78%)

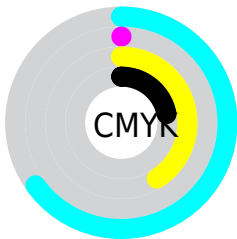
Blue (46%)



Red (27%)

Yellow (65%)

Blue (78%)

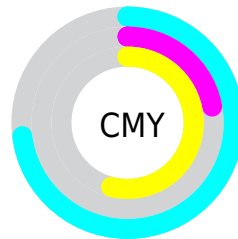


Cyan (65%)

Magenta (0%)

Yellow (41%)

Black (22%)



Cyan (73%)

Magenta (22%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C876 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 46C876 by changing the saturation by 10% instead.

 46C876

 46C876

FFFFFF

 1FAC5D

 83FFAB

 009144

 A1FFC7

 00762D

 BFFFE3

 005D15

 DCFFFF

 004400

 FBFFFF

 002E00

 000E00

 000000

 46C876

 46C876

 32C869

 5AC883

 1EC85D

 6EC88F

 0AC850

 82C89C

 00C84A

 96C8A8

 AAC8B5

 BEC8C2

 D2C8CE

 E6C8DB

 FAC8E8

Harmonies

Analogous

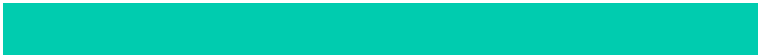
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97BE49



46C876



00CCAF

Triad

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



46C876



20B7FF



FF857C

Complementary

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



46C876



C84698

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.



FF7EB3



46C876



B2A2FF

Square

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



46C876



00C5FF



F68BEA



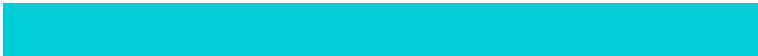
FC994E

Rectangle

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



46C876



00CDD6



F68BEA



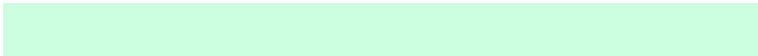
FF808D

Sweetspot

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



46C876



CCFFDF



98C846



61806C



000000



808080

Same Dimension

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



46C876



38FF82



46C8B7



5A635D



00A33C



00240D

Inverse Universe

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



C84698



FF38B6



C84657



635A60



A30067



240017

Previews

White Background



This preview shows how the Hex color 46C876 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 46C876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

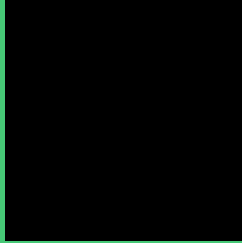
Any Text WCAG AA ✓ Pass

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 46C876 Background



This preview shows how black text looks on a background with the Hex color 46C876.

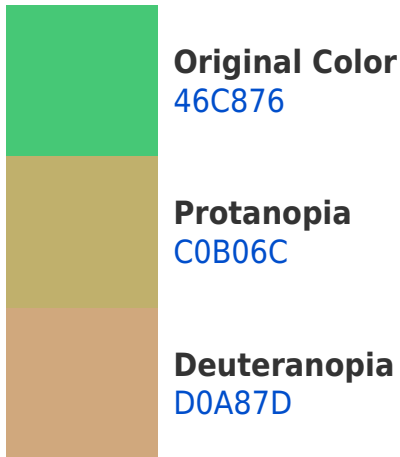


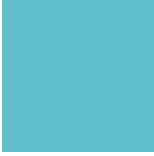
This preview shows how white text looks on a background with the Hex color 46C876.

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](#).

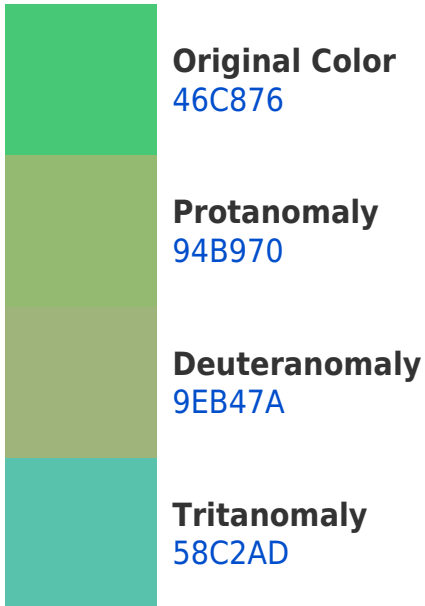
Dichromacy



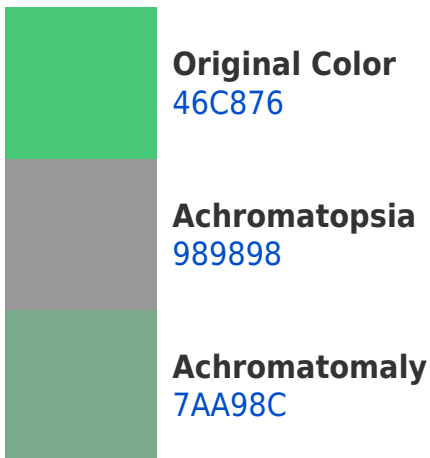


Tritanopia
62BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C876 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 #46C876 looks like.

```
.text, #text, p{  
    color:#46C876  
}
```

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 #46C876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C876
}
```

Border

The CSS property to change the border of an element to Hex 46C876 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
#46C876 }
```

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

```
.border{ border-color:#46C876 }
```

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

Here you see how a box with a 4 pixel #46C876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C876; -webkit-box-shadow:4px 4px  
4px 4px #46C876; box-shadow:4px 4px 4px  
4px #46C876 }
```

Background

The CSS property to change the background color of an element to Hex 46C876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C876 }
```

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

```
.background{ background-color:#46C876 }
```

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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