

Converting Colors

Hex(46C265)

Have a look what the booklet for
Hex(46C265) contains.

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Color

Hex(46C265)

Conversions

Conversions Part 1

Format	Color
Hex	46C265
RGB	70, 194, 101
RGB Percent	27%, 76%, 40%
CMY	0.7255, 0.2392, 0.6039
CMYK	0.64, 0.00, 0.48, 0.24
HSL	135°, 50%, 52%
HSV	135°, 64%, 76%
XYZ	24.1665, 40.8252, 18.9183
YIQ	146.3220, -44.0510, -55.2110

Conversions

Conversions Part 2

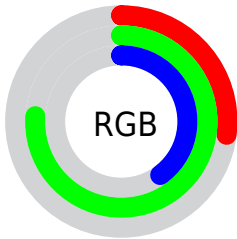
Format	Color
RYB	70, 169, 194
Decimal	4637285
CIELab	70.05, -54.16, 36.77
CIELCh	70, 65.461, 145.830
Yxy	40.8252, 0.2880, 0.4865
Android (android.graphics.Color)	4282827365 (0xFF46C265)
YUV	146.3220, -22.3437, -66.9344
Hunter-Lab	63.8946, -44.3025, 27.1713

Details

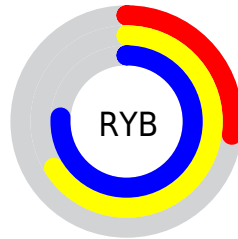
The Hex color **46C265** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C246A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **83FB99**, and **008B33** is the 20% darker color. If you saturate the color by 10%, you get **33C256**, and if you desaturate by 10%, it is **59C274**.

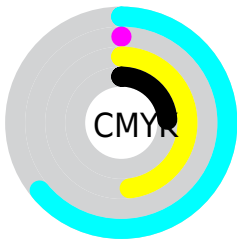
Distribution



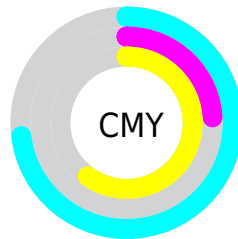
- Red (27%)
- Green (76%)
- Blue (40%)



- Red (27%)
- Yellow (66%)
- Blue (76%)



- Cyan (64%)
- Magenta (0%)
- Yellow (48%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C265 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 46C265 by changing the saturation by 10% instead.

 46C265

 46C265

FFFFFF

 20A64C

 83FB99

 008B33

 A0FFB5

 00711B

 BEFFD1

 005700

 DBFFED

 003E00

 F9FFFF

 002800

 000000

 46C265

 46C265

 33C256

 59C274

■ 1FC248

■ 6DC282

■ 0CC239

■ 80C291

■ 00C231

■ 94C29F

■ A7C2AE

■ BAC2BC

■ CEC2CB

■ E1C2D9

■ F5C2E8

Harmonies

Analogous

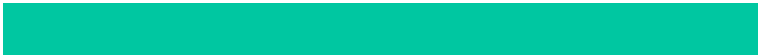
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98B736



46C265



00C7A1

Triad

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



46C265



00B4FF



FF797B

Complementary

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



46C265



C246A3

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.



FF74B6



46C265



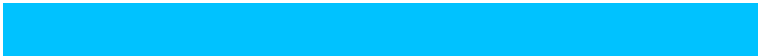
9D9FFF

Square

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



46C265



00C2FF



EB85EF



FD8E48

Rectangle

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



46C265



00C8CA



EB85EF



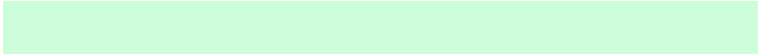
FF758E

Sweetspot

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



46C265



CCFCD8



A3C246



62806A



000000



808080

Same Dimension

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



46C265



3AFC6B



46C2A3



57615A



00A128



002108

Inverse Universe

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



C246A3



FC3ACC



C24665



61575E



A10078



210019

Previews

White Background



This preview shows how the Hex color 46C265 looks on a white background.

Color Contrast Check

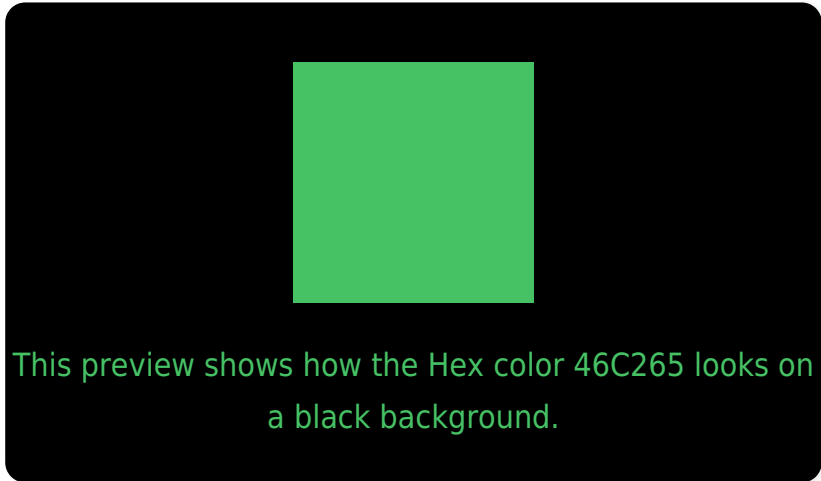
Large Text (above 18pt) WCAG AA × Fail

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

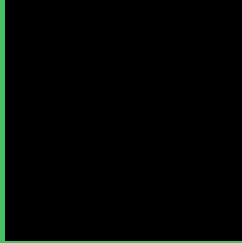
Any Text WCAG AA ✓ Pass

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 46C265 Background



This preview shows how black text looks on a background with the Hex color 46C265.

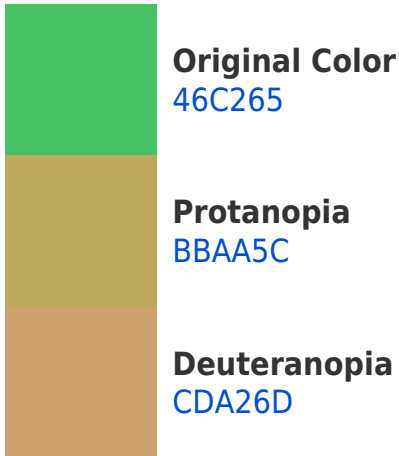


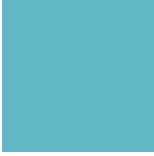
This preview shows how white text looks on a background with the Hex color 46C265.

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](#).

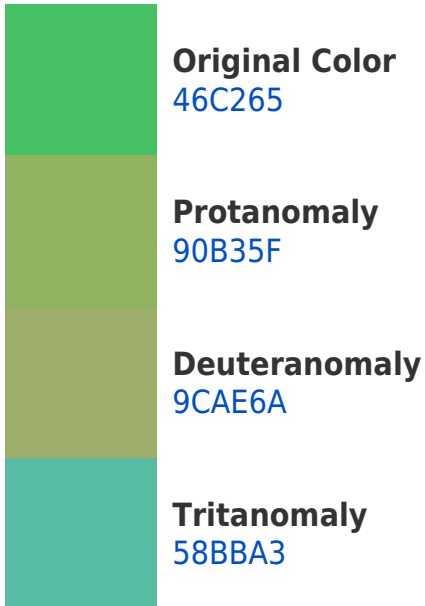
Dichromacy



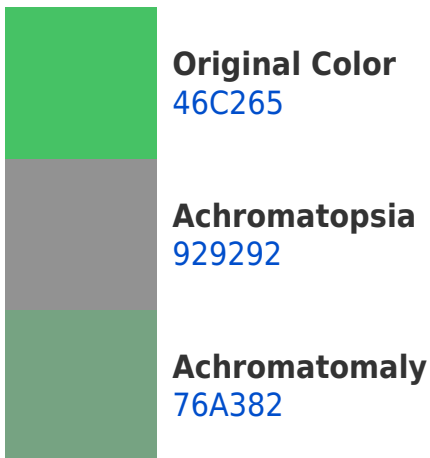


Tritanopia
62B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C265 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 #46C265 looks like.

```
.text, #text, p{  
    color:#46C265  
}
```

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 #46C265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C265
}
```

Border

The CSS property to change the border of an element to Hex 46C265 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
#46C265 }
```

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

```
.border{ border-color:#46C265 }
```

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

Here you see how a box with a 4 pixel #46C265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C265; -webkit-box-shadow:4px 4px  
4px 4px #46C265; box-shadow:4px 4px 4px  
4px #46C265 }
```

Background

The CSS property to change the background color of an element to Hex 46C265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C265 }
```

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

```
.background{ background-color:#46C265 }
```

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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