

# Converting Colors

Hex(46905C)

Have a look what the booklet for  
Hex(46905C) contains.

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# Color

Hex(46905C)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 46905C                       |
| RGB         | 70, 144, 92                  |
| RGB Percent | 27%, 56%, 36%                |
| CMY         | 0.7255, 0.4353, 0.6392       |
| CMYK        | 0.51, 0.00, 0.36, 0.44       |
| HSL         | 138°, 35%, 42%               |
| HSV         | 138°, 51%, 56%               |
| XYZ         | 14.4308, 22.0213, 13.6152    |
| YIQ         | 115.9460, -27.4120, -31.8600 |

# Conversions

## Conversions Part 2

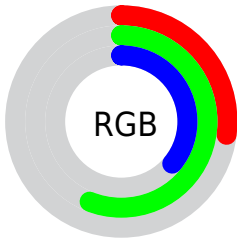
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">70, 127, 144</a>                     |
| Decimal                             | <a href="#">4624476</a>                          |
| CIELab                              | <a href="#">54.05, -35.20, 20.76</a>             |
| CIELCh                              | <a href="#">54, 40.866, 149.464</a>              |
| Yxy                                 | <a href="#">22.0213, 0.2882,<br/>0.4398</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4282814556<br/>(0xFF46905C)</a>      |
| YUV                                 | <a href="#">115.9460, -11.8054,<br/>-40.2946</a> |
| Hunter-Lab                          | <a href="#">46.9269, -27.2302,<br/>15.6467</a>   |

# Details

The Hex color **46905C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90467A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7BC68F**, and **085D2D** is the 20% darker color. If you saturate the color by 10%, you get **389052**, and if you desaturate by 10%, it is **549066**.

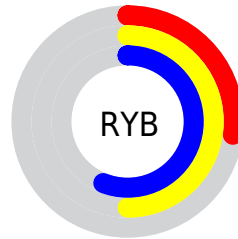
# Distribution



Red (27%)

Green (56%)

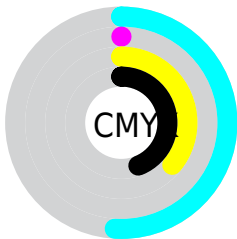
Blue (36%)



Red (27%)

Yellow (50%)

Blue (56%)

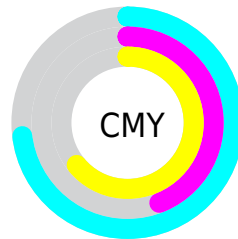


Cyan (51%)

Magenta (0%)

Yellow (36%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 46905C 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 46905C by changing the saturation by 10% instead.



 46905C

 46905C

FFFFFF

 2B7644

 7BC68F

 085D2D

 97E3A9

 004518

 B2FFC5

 002D00

 CFFFE1

 001700

 ECFFFD

 000000

 46905C

 46905C

 389052

 549066


 299048

 639070

 1B903E

 71907A

 0C9034

 809084

 00902B

 8E908F

 9C9099

 AB90A3

 B990AD

 C890B7

# Harmonies

## Analogous

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



738941



46905C



00937F

# Triad

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



46905C



4085C7



C26760

# Complementary

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



46905C



90467A

# 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.



C16483



46905C



8278BF

# Square

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



46905C



008EBD



AC6BA6



B27245

# Rectangle

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



46905C



009398



AC6BA6



C4656C



# Sweetspot

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



46905C



9EBAA7



7B9046



4D5E52



DEDEDE



5E5E5E



# Same Dimension

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



46905C



47BA69



469080



404742



008728



000802



# Inverse Universe

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



90467A



BA4798



904656



474045



87005F



080005



# Previews

## White Background



This preview shows how the Hex color 46905C looks on a white background.

## Color Contrast Check

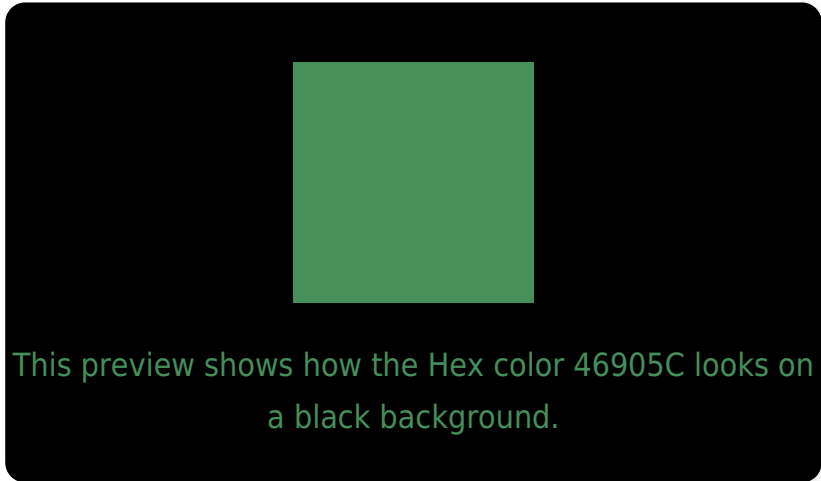
Large Text (above 18pt) WCAG AA ✓ Pass

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

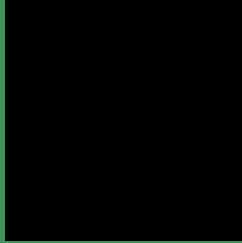
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 46905C Background



This preview shows how black text looks on a background with the Hex color 46905C.



This preview shows how white text looks on a background with the Hex color 46905C.

# 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](#).

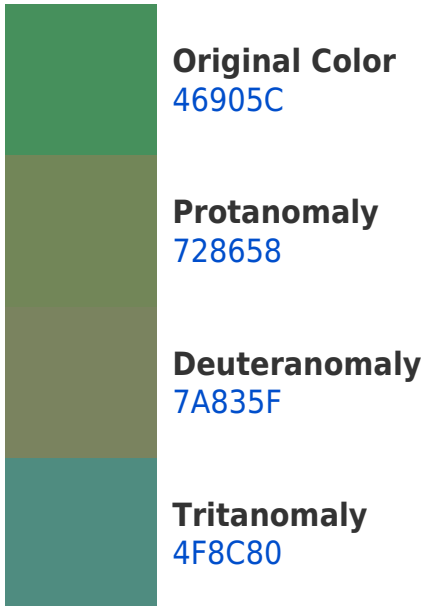
## Dichromacy



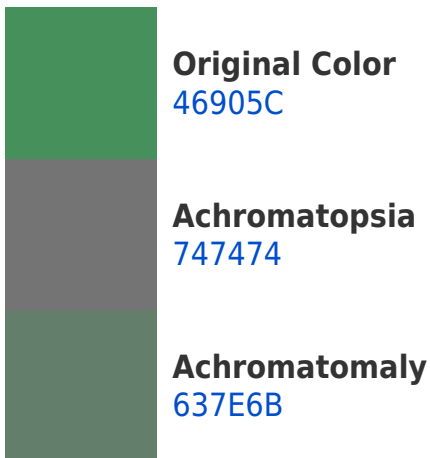


**Tritanopia**  
548994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46905C 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 #46905C looks like.

```
.text, #text, p{  
    color:#46905C  
}
```

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 #46905C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46905C
}
```

## Border

The CSS property to change the border of an element to Hex 46905C 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
#46905C }
```

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

```
.border{ border-color:#46905C }
```

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

Here you see how a box with a 4 pixel #46905C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46905C; -webkit-box-shadow:4px 4px  
4px 4px #46905C; box-shadow:4px 4px 4px  
4px #46905C }
```

# Background

The CSS property to change the background color of an element to Hex 46905C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46905C }
```

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

```
.background{ background-color:#46905C }
```

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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