

# Converting Colors

Hex(46975E)

Have a look what the booklet for  
Hex(46975E) contains.

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# Color

**Hex(46975E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46975E
RGB	70, 151, 94
RGB Percent	27%, 59%, 37%
CMY	0.7255, 0.4078, 0.6314
CMYK	0.54, 0.00, 0.38, 0.41
HSL	138°, 37%, 43%
HSV	138°, 54%, 59%
XYZ	15.6128, 24.2435, 14.4463
YIQ	120.2830, -29.9790, -34.8990

# Conversions

## Conversions Part 2

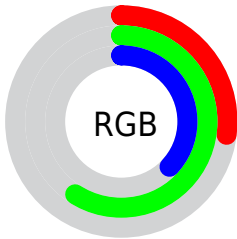
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 132, 151
Decimal	4626270
CIELab	56.33, -37.94, 22.70
CIElCh	56, 44.212, 149.105
Yxy	24.2435, 0.2875, 0.4465
Android (android.graphics.Color)	4282816350 (0xFF46975E)
YUV	120.2830, -12.9575, -44.0982
Hunter-Lab	49.2376, -29.5653, 17.0708

# Details

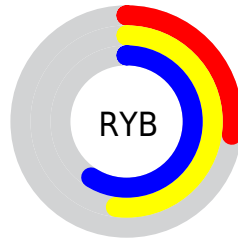
The Hex color **46975E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **97467F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7CCE91**, and **02632F** is the 20% darker color. If you saturate the color by 10%, you get **379753**, and if you desaturate by 10%, it is **559769**.

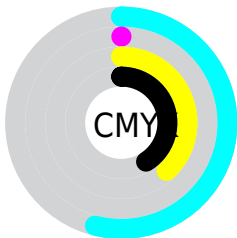
# Distribution



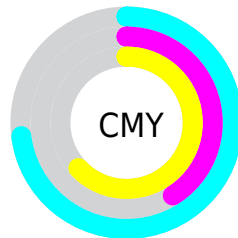
- Red (27%)
- Green (59%)
- Blue (37%)



- Red (27%)
- Yellow (52%)
- Blue (59%)



- Cyan (54%)
- Magenta (0%)
- Yellow (38%)
- Black (41%)



- Cyan (73%)
- Magenta (41%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 46975E 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 46975E by changing the saturation by 10% instead.



 46975E

 46975E

FFFFFF

 2A7D46

 7CCE91

 02632F

 98EAAC

 004B19

 B4FFC7

 003300

 D0FFE3

 001E00

 EDFFFF

 000000

 46975E

 46975E

 379753

 559769

 289749

 649773

■ 19973E

■ 73977E

■ 0A9733

■ 829789

■ 00972D

■ 929793

■ A1979E

■ B097A8

■ BF97B3

■ CE97BE

# Harmonies

## Analogous

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



789041



46975E



009A85

# Triad

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



46975E



3A8BD4



CD6A64

# Complementary

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



46975E



97467F

# 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.



CC668A



46975E



877DCA

# Square

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



46975E



0095C8



B56FAF



BC7645

# Rectangle

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



46975E



009A9F



B56FAF



CF6770



# Sweetspot

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



46975E



A5C4AE



809746



516356



E3E3E3



636363



# Same Dimension

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



46975E



47C46C



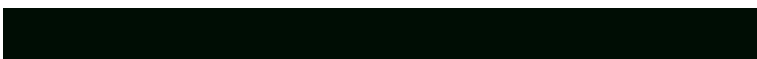
469785



454D47



008C2A



000D04



# Inverse Universe

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



97467F



C4479F



974658



4D454A



8C0063



0D0009



# Previews

## White Background



This preview shows how the Hex color 46975E looks on a white background.

## Color Contrast Check

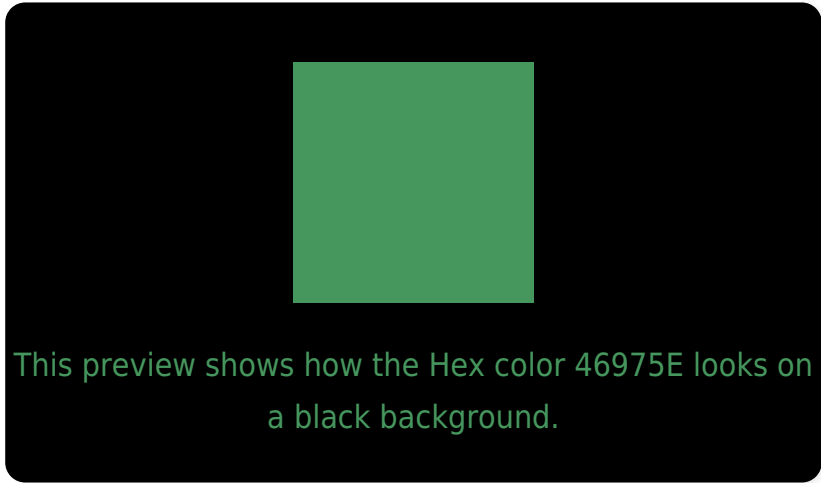
Large Text (above 18pt) WCAG AA ✓ Pass

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 46975E Background



This preview shows how black text looks on a background with the Hex color 46975E.



This preview shows how white text looks on a background with the Hex color 46975E.

# 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](#).

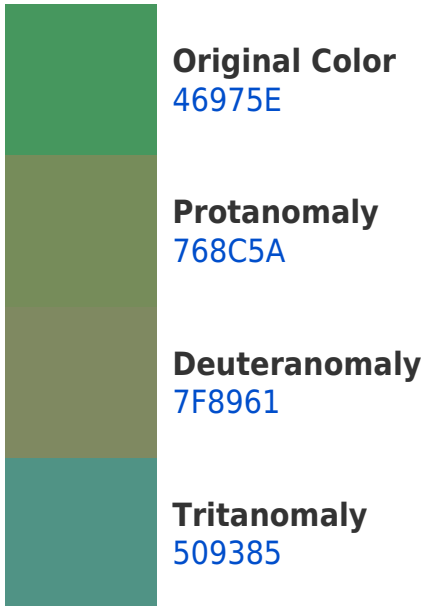
## Dichromacy





**Tritanopia**  
56909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46975E 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 #46975E looks like.

```
.text, #text, p{  
    color:#46975E  
}
```

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 #46975E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46975E
}
```

## Border

The CSS property to change the border of an element to Hex 46975E 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
#46975E }
```

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

```
.border{ border-color:#46975E }
```

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

Here you see how a box with a 4 pixel #46975E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46975E; -webkit-box-shadow:4px 4px  
4px 4px #46975E; box-shadow:4px 4px 4px  
4px #46975E }
```

# Background

The CSS property to change the background color of an element to Hex 46975E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46975E }
```

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

```
.background{ background-color:#46975E }
```

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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