

# Converting Colors

Hex(46965E)

Have a look what the booklet for  
Hex(46965E) contains.

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# Color

Hex(46965E)

# Conversions

## Conversions Part 1

Format	Color
Hex	46965E
RGB	70, 150, 94
RGB Percent	27%, 59%, 37%
CMY	0.7255, 0.4118, 0.6314
CMYK	0.53, 0.00, 0.37, 0.41
HSL	138°, 36%, 43%
HSV	138°, 53%, 59%
XYZ	15.4525, 23.9229, 14.3928
YIQ	119.6960, -29.7040, -34.3760

# Conversions

## Conversions Part 2

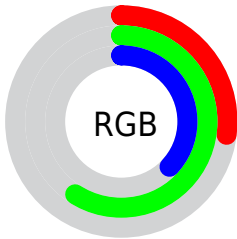
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 132, 150
Decimal	4626014
CIELab	56.01, -37.50, 22.28
CIElCh	56, 43.616, 149.288
Yxy	23.9229, 0.2874, 0.4449
Android (android.graphics.Color)	4282816094 (0xFF46965E)
YUV	119.6960, -12.6681, -43.5834
Hunter-Lab	48.9111, -29.2007, 16.7908

# Details

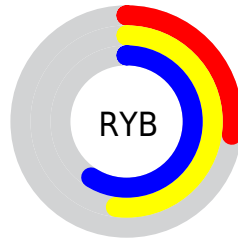
The Hex color **46965E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **96467E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7CCD91**, and **03622F** is the 20% darker color. If you saturate the color by 10%, you get **379654**, and if you desaturate by 10%, it is **559669**.

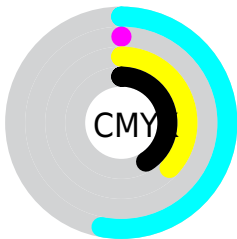
# Distribution



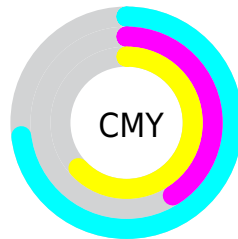
- Red (27%)
- Green (59%)
- Blue (37%)



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



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (41%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 46965E 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 46965E by changing the saturation by 10% instead.





46965E



46965E

FFFFFF



2A7C46



7CCD91



03622F



98E9AC



004A19



B3FFC7



003200



D0FFE3



001D00



EDFFFF



000000



46965E



46965E



379654



559669



289649



649673

■ 19963F

■ 73967E

■ 0A9634

■ 829688

■ 00962D

■ 919693

■ A0969D

■ AF96A8

■ BE96B2

■ CD96BD

# Harmonies

## Analogous

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



778F41



46965E



009984

# Triad

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



46965E



3C8BD2



CC6A63

# Complementary

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



46965E



96467E

# 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.



CA6689



46965E



877DC8

# Square

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



46965E



0094C7



B46EAE



BB7646

# Rectangle

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



46965E



00999E



B46EAE



CD676F



# Sweetspot

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



46965E



A3C2AC



7E9646



4E6154



E0E0E0



616161



# Same Dimension

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



46965E



46C26B



469686



434A45



008A29



000A03



# Inverse Universe

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



96467E



C2469D



964656



4A4348



8A0060



0A0007



# Previews

## White Background



This preview shows how the Hex color 46965E looks on a white background.

## Color Contrast Check

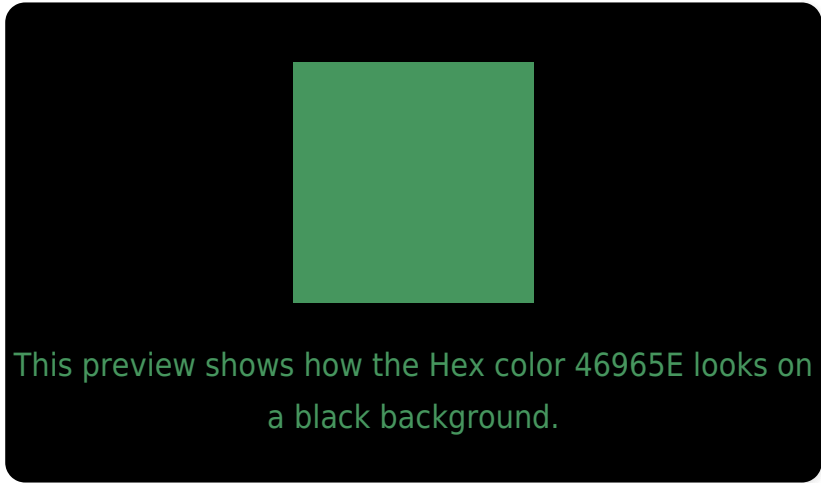
Large Text (above 18pt) WCAG AA ✓ Pass

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

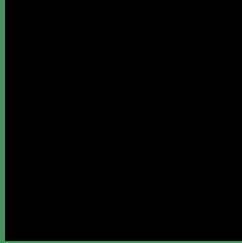
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 46965E Background



This preview shows how black text looks on a background with the Hex color 46965E.



This preview shows how white text looks on a background with the Hex color 46965E.

# 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](#).

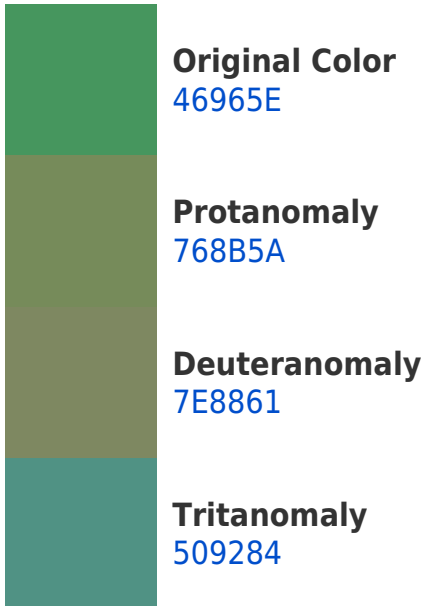
## Dichromacy





**Tritanopia**  
568F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46965E 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 #46965E looks like.

```
.text, #text, p{  
    color:#46965E  
}
```

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 #46965E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46965E
}
```

## Border

The CSS property to change the border of an element to Hex 46965E 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
#46965E }
```

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

```
.border{ border-color:#46965E }
```

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

Here you see how a box with a 4 pixel #46965E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46965E; -webkit-box-shadow:4px 4px  
4px 4px #46965E; box-shadow:4px 4px 4px  
4px #46965E }
```

# Background

The CSS property to change the background color of an element to Hex 46965E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46965E }
```

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

```
.background{ background-color:#46965E }
```

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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