

Converting Colors

Hex(46705E)

Have a look what the booklet for
Hex(46705E) contains.

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Color

Hex(46705E)

Conversions

Conversions Part 1

Format	Color
Hex	46705E
RGB	70, 112, 94
RGB Percent	27%, 44%, 37%
CMY	0.7255, 0.5608, 0.6314
CMYK	0.37, 0.00, 0.16, 0.56
HSL	154°, 23%, 36%
HSV	154°, 37%, 44%
XYZ	10.3403, 13.6986, 12.6888
YIQ	97.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

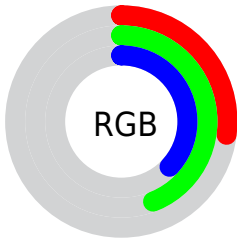
Format	Color
R_{YB}	70, 97, 112
Decimal	4616286
CIE _{Lab}	43.80, -19.06, 5.41
CIE _{LCh}	44, 19.810, 164.154
Yxy	13.6986, 0.2815, 0.3730
Android (android.graphics.Color)	4282806366 (0xFF46705E)
YUV	97.3900, -1.6713, -24.0210
Hunter-Lab	37.0116, -14.9008, 5.5816

Details

The Hex color **46705E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704658**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **78A490**, and **164030** is the 20% darker color. If you saturate the color by 10%, you get **3B7059**, and if you desaturate by 10%, it is **517063**.

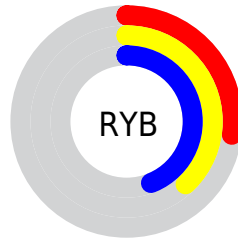
Distribution



Red (27%)

Green (44%)

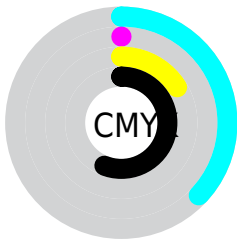
Blue (37%)



Red (27%)

Yellow (38%)

Blue (44%)

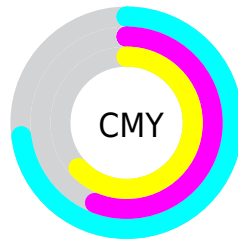


Cyan (37%)

Magenta (0%)

Yellow (16%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46705E 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 46705E by changing the saturation by 10% instead.

 46705E

 46705E

FFFFFF

 2E5746

 78A490

 164030

 92BFAB

 002A1B

 ADDBC6

 001600

 C9F8E2

 000000

 E5FFFF

 46705E

 46705E

 3B7059

 517063

 307054

 5C7068

■ 247050

■ 68706C

■ 19704B

■ 737071

■ 0E7046

■ 7E7076

■ 037041

■ 89707B

■ 007040

■ 947080

■ A07084

■ AB7089

Harmonies

Analogous

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



596D50



46705E



37716F

Triad

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



46705E



5E6687



865E51

Complementary

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



46705E



704658

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.



895B60



46705E



74617F

Square

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



46705E



466C87



835C71



7B6348

Rectangle

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



46705E



347079



835C71



885D56

Sweetspot

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



46705E



81918A



587046



404A46



C9C9C9



4A4A4A

Same Dimension

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



46705E



509175



466D70



323836



007844



00F78D

Inverse Universe

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



704658



91506C



704946



383235



780033



F7006A

Previews

White Background



This preview shows how the Hex color 46705E looks on a white background.

Color Contrast Check

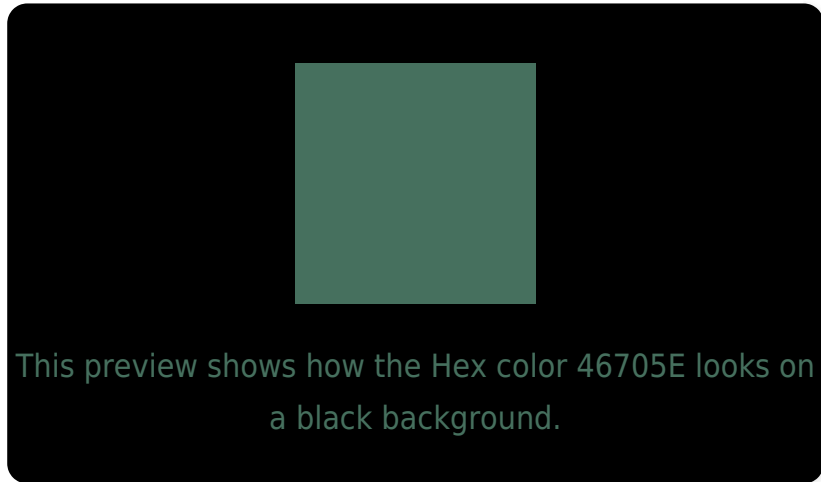
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

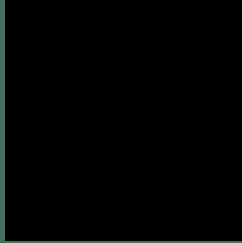
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 46705E Background



This preview shows how black text looks on a background with the Hex color 46705E.

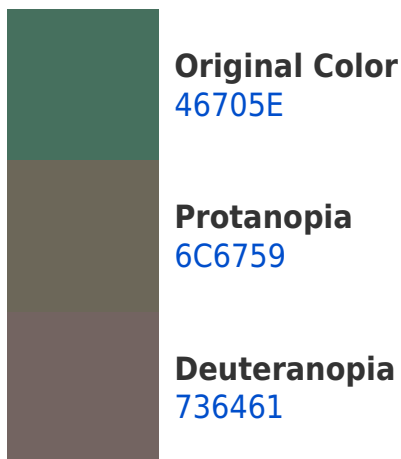



This preview shows how white text looks on a background with the Hex color 46705E.

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](#).

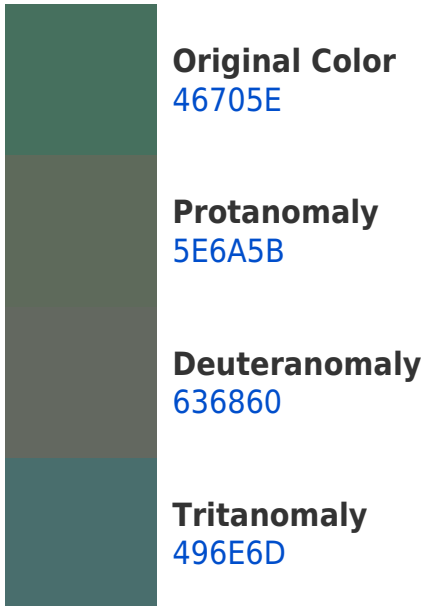
Dichromacy



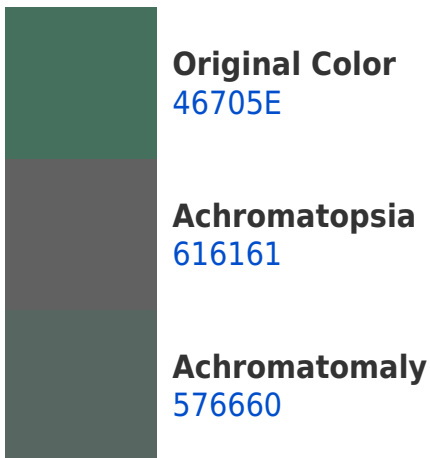


Tritanopia
4B6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46705E 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 #46705E looks like.

```
.text, #text, p{  
    color:#46705E  
}
```

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 #46705E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46705E
}
```

Border

The CSS property to change the border of an element to Hex 46705E 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
#46705E }
```

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

```
.border{ border-color:#46705E }
```

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

Here you see how a box with a 4 pixel #46705E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46705E; -webkit-box-shadow:4px 4px  
4px 4px #46705E; box-shadow:4px 4px 4px  
4px #46705E }
```

Background

The CSS property to change the background color of an element to Hex 46705E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46705E }
```

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

```
.background{ background-color:#46705E }
```

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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