

# Converting Colors

Hex(46614B)

Have a look what the booklet for  
Hex(46614B) contains.

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# Color

**Hex(46614B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	46614B
RGB	70, 97, 75
RGB Percent	27%, 38%, 29%
CMY	0.7255, 0.6196, 0.7059
CMYK	0.28, 0.00, 0.23, 0.62
HSL	131°, 16%, 33%
HSV	131°, 28%, 38%
XYZ	8.0705, 10.3595, 8.2308
YIQ	86.4190, -9.0300, -12.5660

# Conversions

## Conversions Part 2

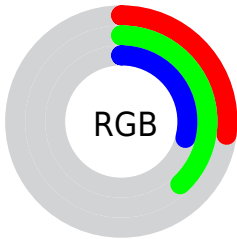
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>70, 93, 97</b>
Decimal	4612427
CIE Lab	38.48, -15.06, 9.37
CIE LCh	38, 17.738, 148.128
Yxy	10.3595, 0.3027, 0.3886
Android (android.graphics.Color)	4282802507 (0xFF46614B)
YUV	86.4190, -5.6296, -14.3995
Hunter-Lab	32.1861, -11.5680, 7.3683

# Details

The Hex color **46614B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61465C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **77947C**, and **19321F** is the 20% darker color. If you saturate the color by 10%, you get **3C6143**, and if you desaturate by 10%, it is **506153**.

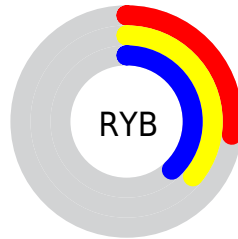
# Distribution



Red (27%)

Green (38%)

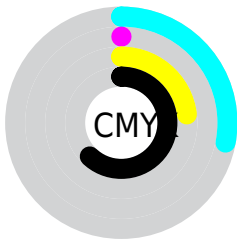
Blue (29%)



Red (27%)

Yellow (36%)

Blue (38%)

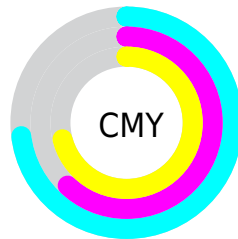


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 46614B 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 46614B by changing the saturation by 10% instead.



 46614B

 46614B


FFFFFF

 2F4934

 77947C

 19321F

 91AE96

 021E07

 ACCAB0

 000000

 C7E6CC

 E3FFE8

 46614B

 46614B

 3C6143

 506153

 33613B

 59615B

 296133

 636163

 1F612B

 6D616B

 166123

 776173

 0C611C

 80617A

 026114

 8A6182

 006112

 94618A

 9D6192

# Harmonies

## Analogous

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



575E41



46614B



376359

# Triad

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



46614B



475C77



77514E

# Complementary

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



46614B



61465C

# 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.



76505C



46614B



5C5774

# Square

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



46614B



356073



6C536A



715543

# Rectangle

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



46614B



306363



6C536A



785052



# Sweetspot

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



46614B



737D75



5C6146



39403B



BFBFBF



404040



# Same Dimension

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



46614B



547D5B



466158



2C302D



007015



00F02C



# Inverse Universe

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



61465C



7D5475



61464F



302C30



70005B

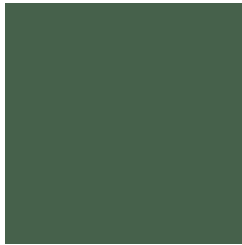


F000C3



# Previews

## White Background



This preview shows how the Hex color 46614B looks on a white background.

## Color Contrast Check

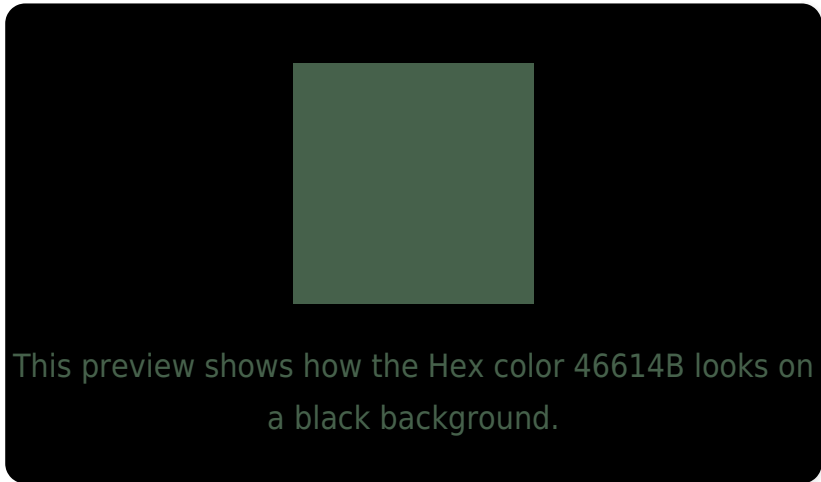
Large Text (above 18pt) WCAG AA ✓ Pass

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

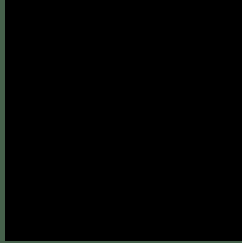
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 46614B Background



This preview shows how black text looks on a background with the Hex color 46614B.

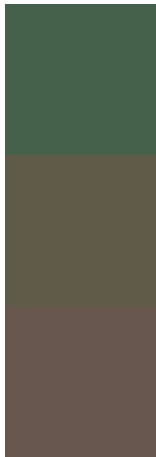


This preview shows how white text looks on a background with the Hex color 46614B.

# 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](#).

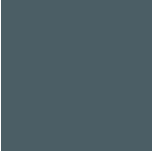
## Dichromacy



**Original Color**  
46614B

**Protanopia**  
605A48

**Deuteranopia**  
68574D



**Tritanopia**  
4B5E65

# Trichromacy



**Original Color**  
46614B

**Protanomaly**  
575D49

**Deuteranomaly**  
5C5B4C

**Tritanomaly**  
495F5C

# Monochromacy



**Original Color**  
46614B

**Achromatopsia**  
565656

**Achromatomaly**  
505A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 46614B 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 #46614B looks like.

```
.text, #text, p{  
    color:#46614B  
}
```

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 #46614B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46614B
}
```

## Border

The CSS property to change the border of an element to Hex 46614B 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".

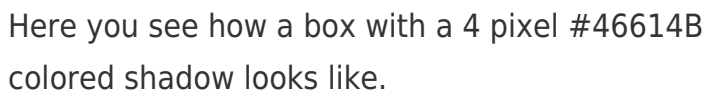
```
.border, #border, table{ border:4px solid
#46614B }
```

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

```
.border{ border-color:#46614B }
```

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

Here you see how a box with a 4 pixel #46614B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46614B; -webkit-box-shadow:4px 4px  
4px 4px #46614B; box-shadow:4px 4px 4px  
4px #46614B }
```

# Background

The CSS property to change the background color of an element to Hex 46614B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46614B }
```

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

```
.background{ background-color:#46614B }
```

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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