

# Converting Colors

Hex(446332)

Have a look what the booklet for  
Hex(446332) contains.

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# Color

Hex(446332)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446332
RGB	68, 99, 50
RGB Percent	27%, 39%, 20%
CMY	0.7333, 0.6118, 0.8039
CMYK	0.31, 0.00, 0.49, 0.61
HSL	98°, 33%, 29%
HSV	98°, 49%, 39%
XYZ	7.4215, 10.3829, 4.6306
YIQ	84.1450, -2.7470, -21.8110

# Conversions

## Conversions Part 2

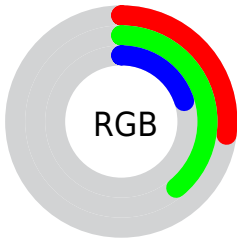
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 99, 81
Decimal	4481842
CIELab	38.52, -21.30, 24.19
CIElCh	39, 32.230, 131.359
Yxy	10.3829, 0.3308, 0.4628
Android (android.graphics.Color)	4282671922 (0xFF446332)
YUV	84.1450, -16.8335, -14.1592
Hunter-Lab	32.2225, -15.2775, 14.0355

# Details

The Hex color **446332** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **513263**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **769661**, and **163404** is the 20% darker color. If you saturate the color by 10%, you get **3E6328**, and if you desaturate by 10%, it is **4A633C**.

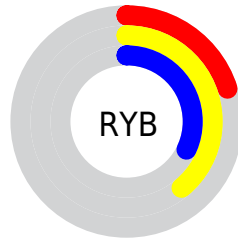
# Distribution



Red (27%)

Green (39%)

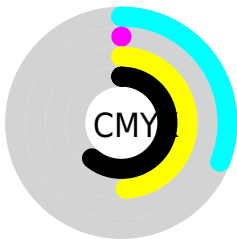
Blue (20%)



Red (20%)

Yellow (39%)

Blue (32%)

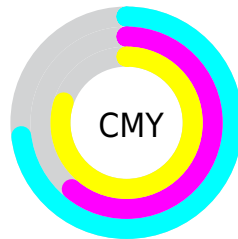


Cyan (31%)

Magenta (0%)

Yellow (49%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446332 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 446332 by changing the saturation by 10% instead.





446332



446332

FFFFFF



2C4B1C



769661



163404



90B17B



001F00



ABCC95



000000



C6E9AF



E3FFCB



FFFFE7



446332



446332



3E6328



4A633C

■ 37631E

■ 516346

■ 316314

■ 576350

■ 2B630A

■ 5D635A

■ 256301

■ 636364

■ 246300

■ 6A636D

■ 706377

■ 766381

■ 7C638B

# Harmonies

## Analogous

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



615C25



446332



1B6749

# Triad

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



446332



00628C



8C4552

# Complementary

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



446332



513263

# 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.



82476C



446332



415A8E

# Square

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



446332



00677C



6A5082



874A39

# Rectangle

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



446332



00685B



6A5082



8A455B



# Sweetspot

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



446332



73806C



635032



384034



BFBFBF



404040



# Same Dimension

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



446332



508034



326338



2D302C



297000



58F000



# Inverse Universe

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



513263



643480



63325D



2F2C30



470070

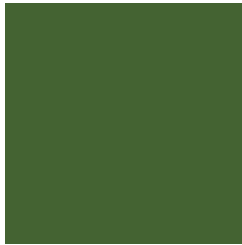


9800F0



# Previews

## White Background



This preview shows how the Hex color 446332 looks on a white background.

## Color Contrast Check

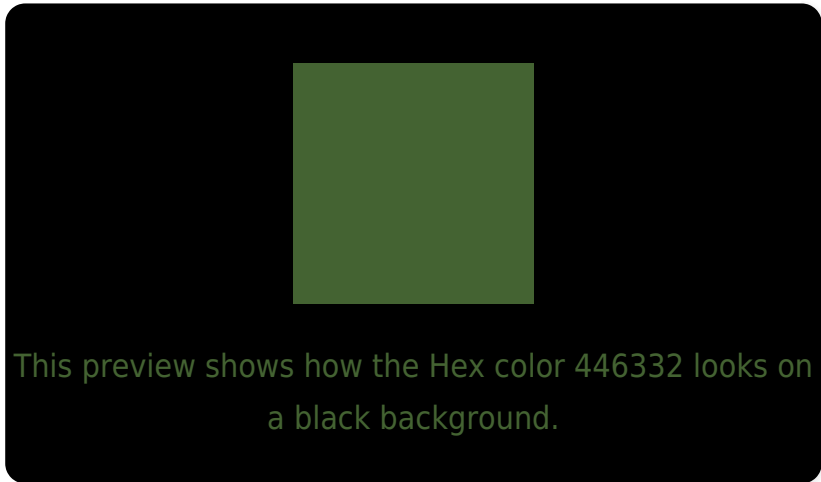
Large Text (above 18pt) WCAG AA ✓ Pass

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

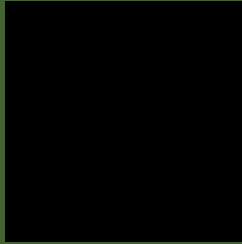
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446332 Background



This preview shows how black text looks on a background with the Hex color 446332.



This preview shows how white text looks on a background with the Hex color 446332.

# 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**  
446332

**Protanopia**  
645B2F

**Deuteranopia**  
6E5635



**Tritanopia**  
4C5D65

# Trichromacy



**Original Color**  
446332

**Protanomaly**  
585E30

**Deuteranomaly**  
5F5B34

**Tritanomaly**  
495F52

# Monochromacy



**Original Color**  
446332

**Achromatopsia**  
545454

**Achromatomaly**  
4E5948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446332 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 #446332 looks like.

```
.text, #text, p{  
    color:#446332  
}
```

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 #446332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446332
}
```

## Border

The CSS property to change the border of an element to Hex 446332 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
#446332 }
```

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

```
.border{ border-color:#446332 }
```

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

Here you see how a box with a 4 pixel #446332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446332; -webkit-box-shadow:4px 4px  
4px 4px #446332; box-shadow:4px 4px 4px  
4px #446332 }
```

# Background

The CSS property to change the background color of an element to Hex 446332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446332 }
```

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

```
.background{ background-color:#446332 }
```

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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