

# Converting Colors

Hex(446932)

Have a look what the booklet for  
Hex(446932) contains.

<b>Hex(446932)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(446932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	446932
RGB	68, 105, 50
RGB Percent	27%, 41%, 20%
CMY	0.7333, 0.5882, 0.8039
CMYK	0.35, 0.00, 0.52, 0.59
HSL	100°, 35%, 30%
HSV	100°, 52%, 41%
XYZ	8.0112, 11.5624, 4.8271
YIQ	87.6670, -4.3970, -24.9490

# Conversions

## Conversions Part 2

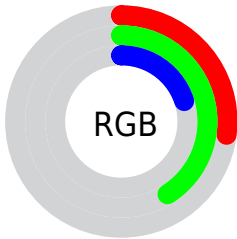
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 105, 87
Decimal	4483378
CIELab	40.51, -24.36, 26.65
CIELCh	41, 36.106, 132.431
Yxy	11.5624, 0.3283, 0.4739
Android (android.graphics.Color)	4282673458 (0xFF446932)
YUV	87.6670, -18.5698, -17.2480
Hunter-Lab	34.0035, -17.4517, 15.3856

# Details

The Hex color **446932** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573269**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **769D62**, and **143904** is the 20% darker color. If you saturate the color by 10%, you get **3D6927**, and if you desaturate by 10%, it is **4B693C**.

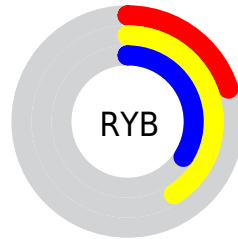
# Distribution



Red (27%)

Green (41%)

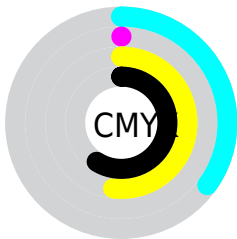
Blue (20%)



Red (20%)

Yellow (41%)

Blue (34%)

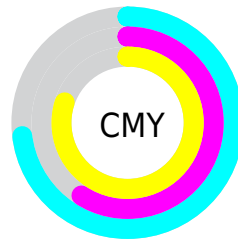


Cyan (35%)

Magenta (0%)

Yellow (52%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446932 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 446932 by changing the saturation by 10% instead.





446932



446932

FFFFFF



2C511B



769D62



143904



90B87B



002400



ABD395



000400



C7F0B0



000000



E3FFCB



FFFFE8



446932



446932



3D6927



4B693C

■ 36691D

■ 526947

■ 2F6913

■ 596951

■ 286908

■ 60695C

■ 226900

■ 676966

■ 6E6971

■ 75697B

■ 7D6986

■ 846991

# Harmonies

## Analogous

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



656223



446932



0C6D4D

# Triad

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



446932



006797



974654

# Complementary

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



446932



573269

# 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.



8D4972



446932



425E99

# Square

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



446932



006D87



71538B



914D39

# Rectangle

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



446932



006E61



71538B



95465E



# Sweetspot

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



446932



7B8A74



695732



3C4538



C4C4C4



454545



# Same Dimension

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



446932



4F8A33



32693B



323630



267500



50F500



# Inverse Universe

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



573269



6D338A



693260



343036



4F0075



A500F5



# Previews

## White Background



This preview shows how the Hex color 446932 looks on a white background.

## Color Contrast Check

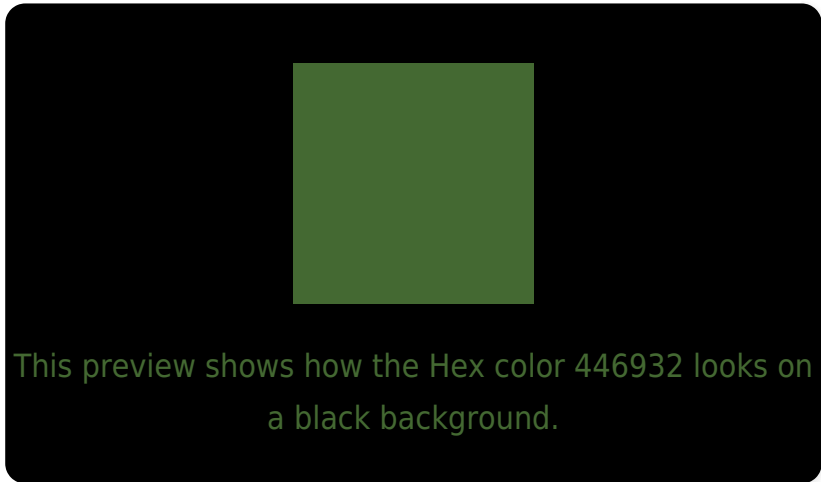
Large Text (above 18pt) WCAG AA ✓ Pass

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

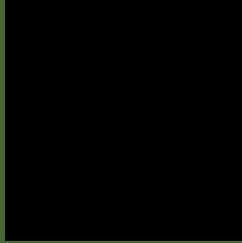
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446932 Background



This preview shows how black text looks on a background with the Hex color 446932.



This preview shows how white text looks on a background with the Hex color 446932.

# 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**  
446932

**Protanopia**  
695F2F

**Deuteranopia**  
745B36



**Tritanopia**  
4D636B

# Trichromacy



**Original Color**  
446932

**Protanomaly**  
5C6330

**Deuteranomaly**  
636035

**Tritanomaly**  
4A6556

# Monochromacy



**Original Color**  
446932

**Achromatopsia**  
585858

**Achromatomaly**  
515E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446932 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 #446932 looks like.

```
.text, #text, p{  
    color:#446932  
}
```

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 #446932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446932
}
```

## Border

The CSS property to change the border of an element to Hex 446932 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".

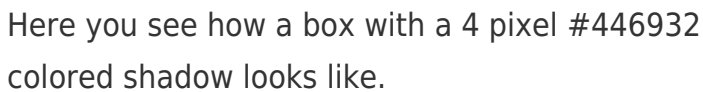
```
.border, #border, table{ border:4px solid
#446932 }
```

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

```
.border{ border-color:#446932 }
```

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

Here you see how a box with a 4 pixel #446932 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446932; -webkit-box-shadow:4px 4px  
4px 4px #446932; box-shadow:4px 4px 4px  
4px #446932 }
```

# Background

The CSS property to change the background color of an element to Hex 446932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446932 }
```

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

```
.background{ background-color:#446932 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor