

# Converting Colors

Hex(446121)

Have a look what the booklet for  
Hex(446121) contains.

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**Color**

**Hex(446121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446121
RGB	68, 97, 33
RGB Percent	27%, 38%, 13%
CMY	0.7333, 0.6196, 0.8706
CMYK	0.30, 0.00, 0.66, 0.62
HSL	87°, 49%, 25%
HSV	87°, 66%, 38%
XYZ	6.9331, 9.8881, 2.9820
YIQ	81.0330, 3.2600, -26.0520

# Conversions

## Conversions Part 2

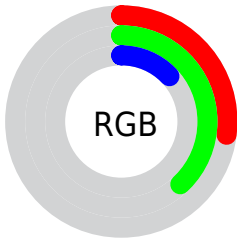
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 97, 62
Decimal	4481313
CIE <sub>Lab</sub>	37.64, -22.30, 32.20
CIE <sub>LCh</sub>	38, 39.165, 124.702
Yxy	9.8881, 0.3501, 0.4993
Android (android.graphics.Color)	4282671393 (0xFF446121)
YUV	81.0330, -23.6803, -11.4299
Hunter-Lab	31.4454, -15.6737, 16.3892

# Details

The Hex color **446121** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E2161**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **769450**, and **163200** is the 20% darker color. If you saturate the color by 10%, you get **406117**, and if you desaturate by 10%, it is **48612B**.

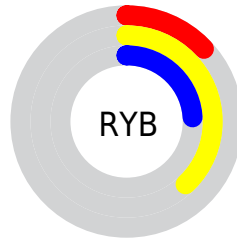
# Distribution



Red (27%)

Green (38%)

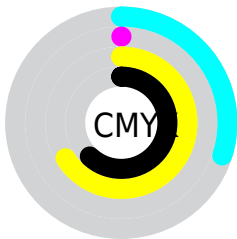
Blue (13%)



Red (13%)

Yellow (38%)

Blue (24%)

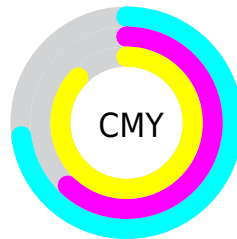


Cyan (30%)

Magenta (0%)

Yellow (66%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446121 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 446121 by changing the saturation by 10% instead.



 446121

 446121

FFFFFF

 2C4908

 769450

 163200

 91AF69

 001F00

 ACCA83

 000000

 C7E69D

 E4FFB9

 FFFFD5

 FFFFF1

 446121

 446121

■ 406117

■ 48612B

■ 3B610E

■ 4D6134

■ 376104

■ 51613E

■ 356100

■ 566148

■ 5A6152

■ 5E615B

■ 636165

■ 67616F

■ 6C6178

# Harmonies

## Analogous

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



655914



446121



0B663C

# Triad

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



446121



006391



923B55

# Complementary

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



446121



3E2161

# 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.



834174



446121



1B5A98

# Square

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



446121



00677C



604E8D



8F4136

# Rectangle

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



446121



006852



604E8D



8F3C60



# Sweetspot

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



446121



727D64



613E21



394030



BFBFBF



404040



# Same Dimension

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



446121



507D1A



246121



2E302C



3D7000



83F000



# Inverse Universe

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



3E2161



471A7D



5E2161



2E2C30



330070

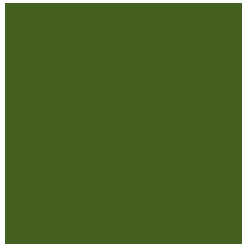


6D00F0



# Previews

## White Background



This preview shows how the Hex color 446121 looks on a white background.

## Color Contrast Check

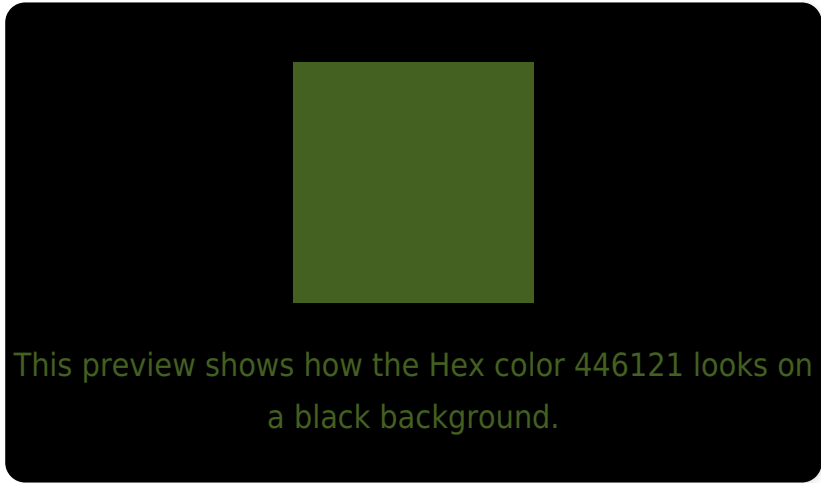
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

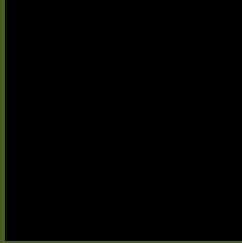
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446121 Background



This preview shows how black text looks on a background with the Hex color 446121.



This preview shows how white text looks on a background with the Hex color 446121.

# 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](#).

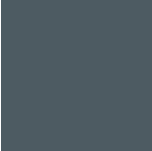
## Dichromacy



**Original Color**  
446121

**Protanopia**  
63591F

**Deuteranopia**  
6E5425



**Tritanopia**  
4D5B62

# Trichromacy



**Original Color**  
446121

**Protanomaly**  
585C20

**Deuteranomaly**  
5F5924

**Tritanomaly**  
4A5D4A

# Monochromacy



**Original Color**  
446121

**Achromatopsia**  
515151

**Achromatomaly**  
4C5740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446121 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 #446121 looks like.

```
.text, #text, p{  
    color:#446121  
}
```

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 #446121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446121
}
```

## Border

The CSS property to change the border of an element to Hex 446121 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
#446121 }
```

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

```
.border{ border-color:#446121 }
```

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

Here you see how a box with a 4 pixel #446121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446121; -webkit-box-shadow:4px 4px  
4px 4px #446121; box-shadow:4px 4px 4px  
4px #446121 }
```

# Background

The CSS property to change the background color of an element to Hex 446121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446121 }
```

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

```
.background{ background-color:#446121 }
```

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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