

# Converting Colors

Hex(446255)

Have a look what the booklet for  
Hex(446255) contains.

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# Color

**Hex(446255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	446255
RGB	68, 98, 85
RGB Percent	27%, 38%, 33%
CMY	0.7333, 0.6157, 0.6667
CMYK	0.31, 0.00, 0.13, 0.62
HSL	154°, 18%, 33%
HSV	154°, 31%, 38%
XYZ	8.3913, 10.6202, 10.2020
YIQ	87.5480, -13.7070, -10.4030

# Conversions

## Conversions Part 2

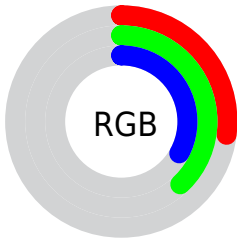
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 87, 98
Decimal	4481621
CIELab	38.93, -14.14, 3.87
CIELCh	39, 14.664, 164.682
Yxy	10.6202, 0.2872, 0.3635
Android (android.graphics.Color)	4282671701 (0xFF446255)
YUV	87.5480, -1.2562, -17.1436
Hunter-Lab	32.5886, -11.0680, 4.2511

# Details

The Hex color **446255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **624451**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **759587**, and **173328** is the 20% darker color. If you saturate the color by 10%, you get **3A6251**, and if you desaturate by 10%, it is **4E6259**.

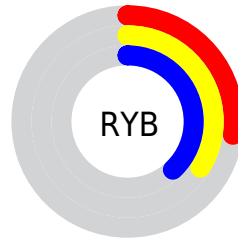
# Distribution



Red (27%)

Green (38%)

Blue (33%)



Red (27%)

Yellow (34%)

Blue (38%)

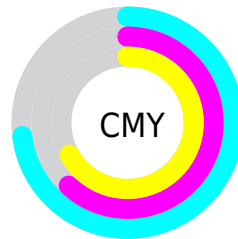


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446255 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 446255 by changing the saturation by 10% instead.



■ 446255

■ 446255

FFFFFF

■ 2D4A3E

■ 759587

■ 173328

■ 8FB0A1

■ 001E14

■ AACBBC

■ 000000

■ C5E7D7

■ E1FFF4

FEFFFF

■ 446255

■ 446255

■ 3A6251

■ 4E6259

■ 30624D

■ 58625D

■ 276248

■ 616262

■ 1D6244

■ 6B6266

■ 136240

■ 75626A

■ 09623C

■ 7F626E

■ 006238

■ 896273

■ 926277

■ 9C627B

# Harmonies

## Analogous

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



51604A



446255



3B6261

# Triad

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



446255



555B73



72554B

# Complementary

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



446255



624451

# 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.



745356



446255



65576D

# Square

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



446255



465F72



705462



6A5945

# Rectangle

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



446255



3A6269



705462



73544F



# Sweetspot

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



446255



74807B



516244



39403D



BFBFBF



404040



# Same Dimension

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



446255



50806B



446062



2C302E



007040



00F088



# Inverse Universe

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



624451



805065



624644



302C2E



700031

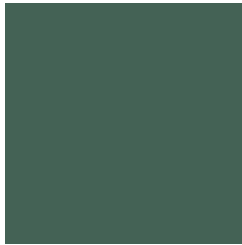


F00068



# Previews

## White Background



This preview shows how the Hex color 446255 looks on a white background.

## Color Contrast Check

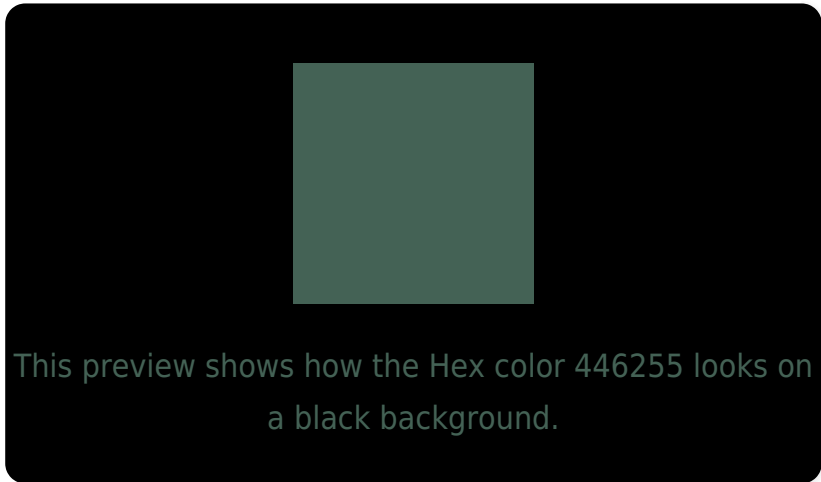
Large Text (above 18pt) WCAG AA ✓ Pass

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

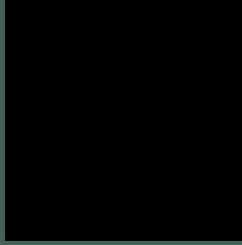
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 446255 Background



This preview shows how black text looks on a background with the Hex color 446255.



This preview shows how white text looks on a background with the Hex color 446255.

# 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**

446255

**Protanopia**

5F5B51

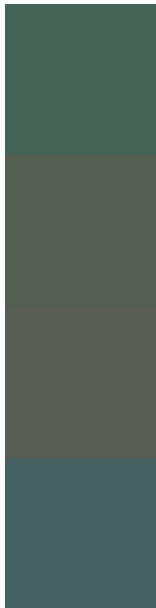
**Deuteranopia**

665857



**Tritanopia**  
485F67

# Trichromacy



**Original Color**  
446255

**Protanomaly**  
555E52

**Deuteranomaly**  
5A5C56

**Tritanomaly**  
476060

# Monochromacy



**Original Color**  
446255

**Achromatopsia**  
585858

**Achromatomaly**  
515C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446255 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 #446255 looks like.

```
.text, #text, p{  
    color:#446255  
}
```

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 #446255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446255
}
```

## Border

The CSS property to change the border of an element to Hex 446255 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
#446255 }
```

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

```
.border{ border-color:#446255 }
```

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

Here you see how a box with a 4 pixel #446255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446255; -webkit-box-shadow:4px 4px  
4px 4px #446255; box-shadow:4px 4px 4px  
4px #446255 }
```

# Background

The CSS property to change the background color of an element to Hex 446255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446255 }
```

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

```
.background{ background-color:#446255 }
```

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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