

# Converting Colors

Hex(446669)

Have a look what the booklet for  
Hex(446669) contains.

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# Color

**Hex(446669)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446669
RGB	68, 102, 105
RGB Percent	27%, 40%, 41%
CMY	0.7333, 0.6000, 0.5882
CMYK	0.35, 0.03, 0.00, 0.59
HSL	185°, 21%, 34%
HSV	185°, 35%, 41%
XYZ	9.6851, 11.7516, 15.1224
YIQ	92.1760, -21.2270, -6.2750

# Conversions

## Conversions Part 2

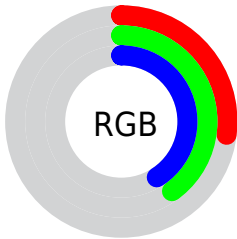
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 86, 105
Decimal	4482665
CIE <sub>Lab</sub>	40.82, -11.37, -5.61
CIE <sub>LCh</sub>	41, 12.679, 206.267
Yxy	11.7516, 0.2649, 0.3214
Android (android.graphics.Color)	4282672745 (0xFF446669)
YUV	92.1760, 6.3222, -21.2024
Hunter-Lab	34.2806, -9.5607, -2.1586

# Details

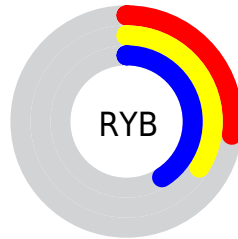
The Hex color **446669** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694744**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **76999C**, and **15373A** is the 20% darker color. If you saturate the color by 10%, you get **3A6569**, and if you desaturate by 10%, it is **4F6769**.

# Distribution



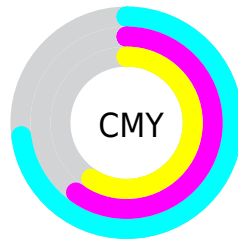
- Red (27%)
- Green (40%)
- Blue (41%)



- Red (27%)
- Yellow (34%)
- Blue (41%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (73%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446669 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 446669 by changing the saturation by 10% instead.



■ 446669

■ 446669

FFFFFF

■ 2C4E51

■ 76999C

■ 15373A

■ 90B4B7

■ 002224

■ ABCFD3

■ 000610

■ C6ECEF

■ 000000

■ E3FFFF

■ 446669

■ 446669

■ 3A6569

■ 4F6769

■ 2F6469

■ 596869

■ 256369

■ 646969

■ 1A6369

■ 6E6969

■ 0F6269

■ 786A69

■ 056169

■ 836B69

■ 006069

■ 8E6C69

■ 986D69

■ A36E69

# Harmonies

## Analogous

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



49665F



446669



486471

# Triad

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



446669



6D5B6C



6A5F4C

# Complementary

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



446669



694744

# 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.



725C4F



446669



745962

# Square

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



446669



605E73



765958



5E624E

# Rectangle

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



446669



4E6374



765958



6D5E4C



# Sweetspot

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



446669



7B888A



446946



3C4445



C4C4C4



454545



# Same Dimension

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



446669



50858A



445469



303536



006C75



00E1F5



# Inverse Universe

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



694466



8A5085



695944



363035



75006C

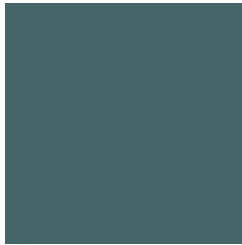


F500E1



# Previews

## White Background



This preview shows how the Hex color 446669 looks on a white background.

## Color Contrast Check

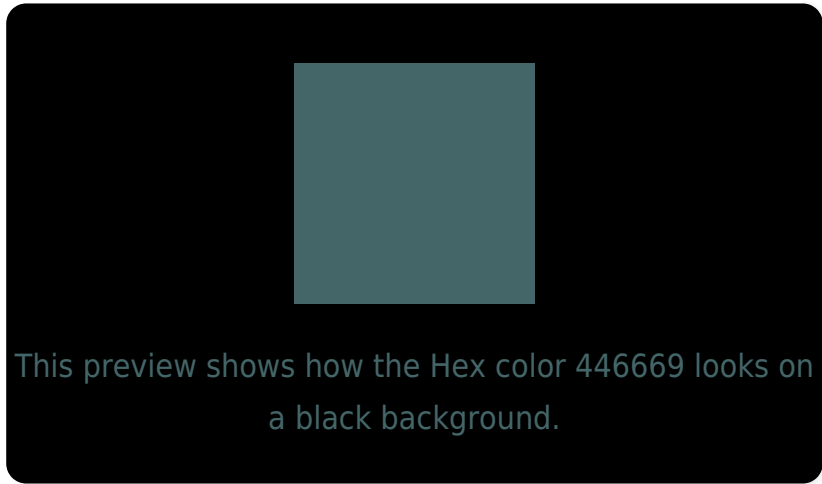
Large Text (above 18pt) WCAG AA ✓ Pass

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

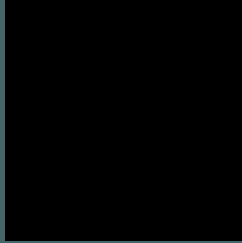
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

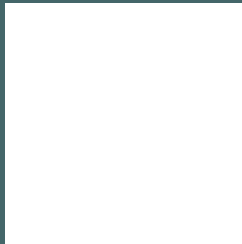
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 446669 Background



This preview shows how black text looks on a background with the Hex color 446669.

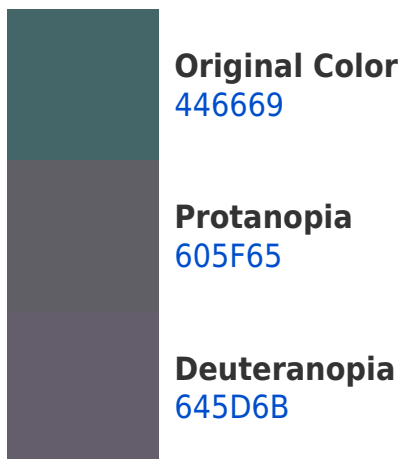



This preview shows how white text looks on a background with the Hex color 446669.

# 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](#).

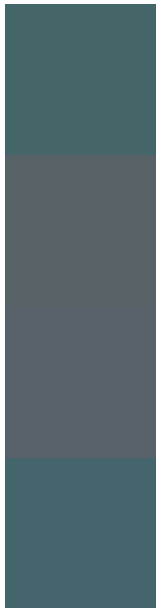
## Dichromacy





**Tritanopia**  
45656D

# Trichromacy



**Original Color**

446669

**Protanomaly**

566266

**Deuteranomaly**

58606A

**Tritanomaly**

45656C

# Monochromacy



**Original Color**

446669

**Achromatopsia**

5C5C5C

**Achromatomaly**

536061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446669 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 #446669 looks like.

```
.text, #text, p{  
    color:#446669  
}
```

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 #446669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446669
}
```

## Border

The CSS property to change the border of an element to Hex 446669 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
#446669 }
```

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

```
.border{ border-color:#446669 }
```

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

Here you see how a box with a 4 pixel #446669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446669; -webkit-box-shadow:4px 4px  
4px 4px #446669; box-shadow:4px 4px 4px  
4px #446669 }
```

# Background

The CSS property to change the background color of an element to Hex 446669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446669 }
```

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

```
.background{ background-color:#446669 }
```

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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