

# Converting Colors

Hex(446283)

Have a look what the booklet for  
Hex(446283) contains.

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# Color

**Hex(446283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	446283
RGB	68, 98, 131
RGB Percent	27%, 38%, 51%
CMY	0.7333, 0.6157, 0.4863
CMYK	0.48, 0.25, 0.00, 0.49
HSL	211°, 32%, 39%
HSV	211°, 48%, 51%
XYZ	10.8483, 11.6030, 23.1406
YIQ	92.7920, -28.4730, 3.9030

# Conversions

## Conversions Part 2

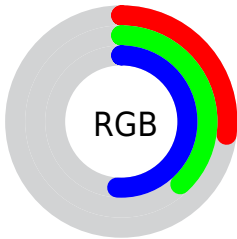
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 88, 131
Decimal	4481667
CIE <sub>Lab</sub>	40.58, -1.33, -21.80
CIE <sub>LCh</sub>	41, 21.846, 266.499
Yxy	11.6030, 0.2379, 0.2545
Android (android.graphics.Color)	4282671747 (0xFF446283)
YUV	92.7920, 18.8365, -21.7426
Hunter-Lab	34.0632, -2.7626, -16.4340

# Details

The Hex color **446283** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **836544**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7795B8**, and **0E3451** is the 20% darker color. If you saturate the color by 10%, you get **375B83**, and if you desaturate by 10%, it is **516983**.

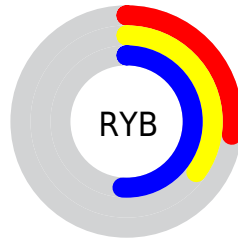
# Distribution



Red (27%)

Green (38%)

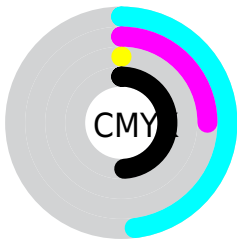
Blue (51%)



Red (27%)

Yellow (35%)

Blue (51%)

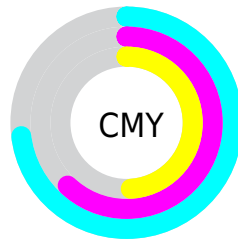


Cyan (48%)

Magenta (25%)

Yellow (0%)

Black (49%)



Cyan (73%)

Magenta (62%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446283 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 446283 by changing the saturation by 10% instead.



■ 446283

■ 446283

FFFFFF

■ 2B4A6A

■ 7795B8

■ 0E3451

■ 92AFD4

■ 001F3A

■ ADCAF0

■ 000525

■ C9E7FF

■ 00010D

■ E6FFFF

■ 000000

■ 446283

■ 446283

■ 375B83

■ 516983

■ 2A5483

■ 5E7083

■ 1D4D83

■ 6B7783

■ 104783

■ 787D83

■ 034083

■ 858483

■ 003E83

■ 938B83

■ A09283

■ AD9983

■ BAA083

# Harmonies

## Analogous

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



2A677D



446283



5F5C80

# Triad

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



446283



835351



47674B

# Complementary

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



446283



836544

# 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.



5B633F



446283



7C5842

# Square

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



446283



815262



6E5E3C



31695D

# Rectangle

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



446283



6E5878



6E5E3C



4E6647



# Sweetspot

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



446283



939EAB



448365



484F57



D6D6D6



575757



# Same Dimension

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



446283



4877AB



454483



3C3F42



003E82



000103



# Inverse Universe

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



834462



AB4877



828344



423C3F



82003E



030001



# Previews

## White Background



This preview shows how the Hex color 446283 looks on a white background.

## Color Contrast Check

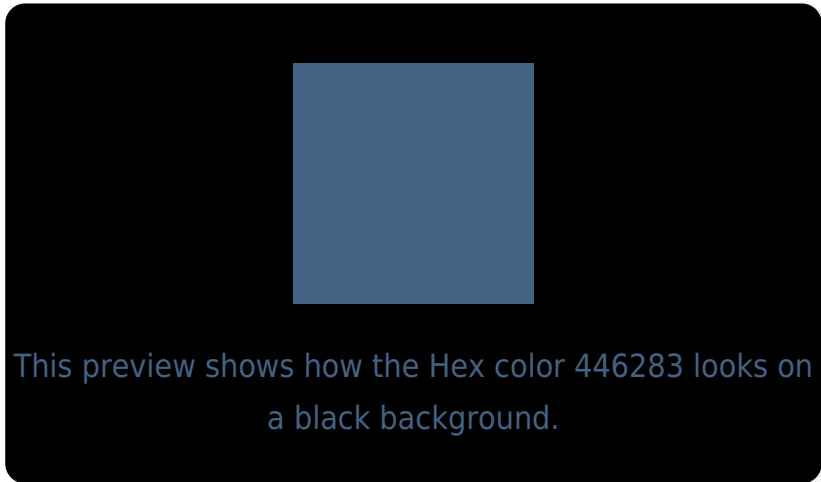
Large Text (above 18pt) WCAG AA ✓ Pass

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

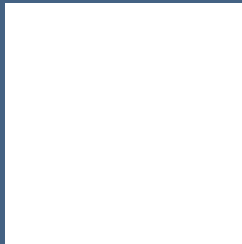
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 446283 Background



This preview shows how black text looks on a background with the Hex color 446283.

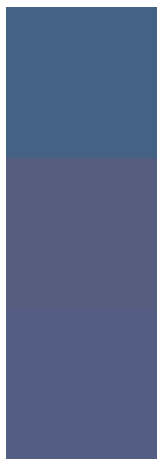


This preview shows how white text looks on a background with the Hex color 446283.

# 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**


446283

**Protanopia**

565E80

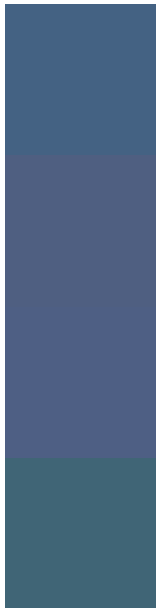
**Deuteranopia**

545E84



**Tritanopia**  
3E666E

# Trichromacy



**Original Color**  
446283

**Protanomaly**  
4F5F81

**Deuteranomaly**  
4E5F84

**Tritanomaly**  
406576

# Monochromacy



**Original Color**  
446283

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
545F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446283 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 #446283 looks like.

```
.text, #text, p{  
    color:#446283  
}
```

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 #446283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446283
}
```

## Border

The CSS property to change the border of an element to Hex 446283 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
#446283 }
```

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

```
.border{ border-color:#446283 }
```

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

Here you see how a box with a 4 pixel #446283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446283; -webkit-box-shadow:4px 4px  
4px 4px #446283; box-shadow:4px 4px 4px  
4px #446283 }
```

# Background

The CSS property to change the background color of an element to Hex 446283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446283 }
```

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

```
.background{ background-color:#446283 }
```

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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