

# Converting Colors

Hex(446B91)

Have a look what the booklet for  
Hex(446B91) contains.

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# Color

**Hex(446B91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	446B91
RGB	68, 107, 145
RGB Percent	27%, 42%, 57%
CMY	0.7333, 0.5804, 0.4314
CMYK	0.53, 0.26, 0.00, 0.43
HSL	210°, 36%, 42%
HSV	210°, 53%, 57%
XYZ	12.7524, 13.7887, 28.7774
YIQ	99.6710, -35.4420, 3.5500

# Conversions

## Conversions Part 2

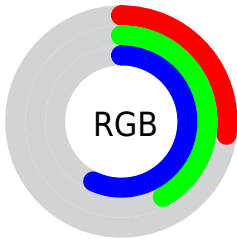
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	68, 94, 145
Decimal	4483985
CIE Lab	43.93, -2.34, -25.02
CIE LCh	44, 25.134, 264.653
Yxy	13.7887, 0.2305, 0.2493
Android (android.graphics.Color)	4282674065 (0xFF446B91)
YUV	99.6710, 22.3472, -27.7755
Hunter-Lab	37.1331, -3.6816, -19.9554

# Details

The Hex color **446B91** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916A44**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **799EC7**, and **063C5E** is the 20% darker color. If you saturate the color by 10%, you get **366491**, and if you desaturate by 10%, it is **537291**.

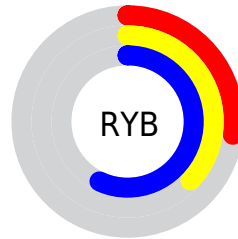
# Distribution



Red (27%)

Green (42%)

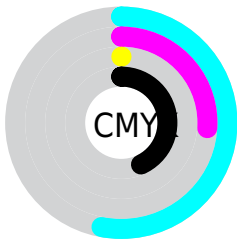
Blue (57%)



Red (27%)

Yellow (37%)

Blue (57%)

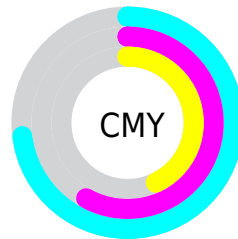


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (43%)



Cyan (73%)

Magenta (58%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 446B91 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 446B91 by changing the saturation by 10% instead.



■ 446B91

■ 446B91

FFFFFF

■ 295377

■ 799EC7

■ 063C5E

■ 94B9E3

■ 002646

■ B0D5FF

■ 001230

■ CCF1FF

■ 00011B

■ E9FFFF

■ 000000

■ 446B91

■ 446B91

■ 366491

■ 537291

■ 275D91

■ 617991

■ 195691

■ 708091

■ 0A4E91

■ 7E8891

■ 004991

■ 8D8F91

■ 9B9691

■ AA9D91

■ B8A491

■ C6AB91

# Harmonies

## Analogous

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



227089



446B91



65648E

# Triad

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



446B91



915957



4C704F

# Complementary

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



446B91



916A44

# 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.



646C41



446B91



895E47

# Square

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



446B91



8E586C



79653E



317363

# Rectangle

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



446B91



775F86



79653E



546F49



# Sweetspot

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



446B91



9FAEBD



449169



4C565E



DEDEDE



5E5E5E



# Same Dimension

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



446B91



4481BD



444591



404447



004487



000408



# Inverse Universe

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



91446B



BD4481



919044



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 446B91 looks on a white background.

## Color Contrast Check

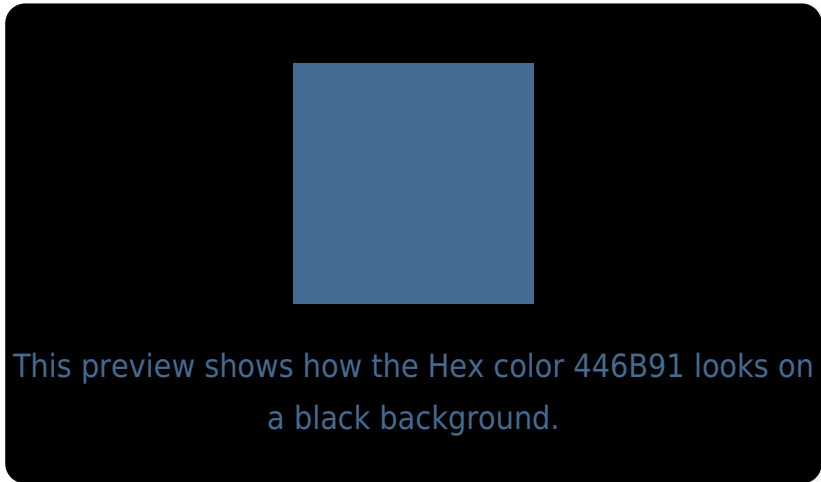
Large Text (above 18pt) WCAG AA ✓ Pass

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

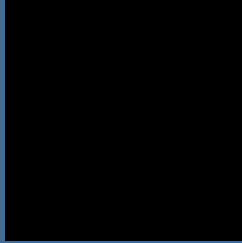
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

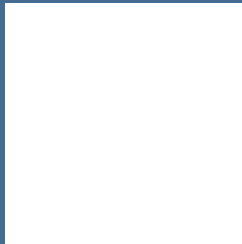
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 446B91 Background



This preview shows how black text looks on a background with the Hex color 446B91.

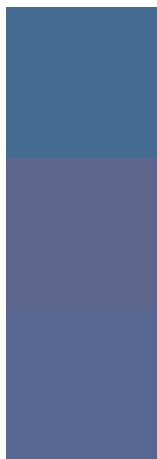


This preview shows how white text looks on a background with the Hex color 446B91.

# 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**  
446B91

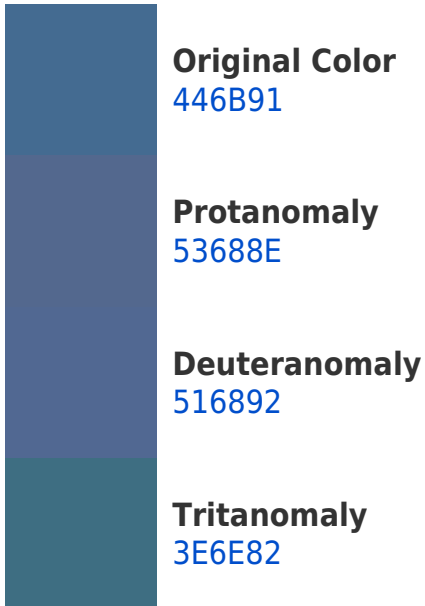
**Protanopia**  
5C668D

**Deuteranopia**  
586692



**Tritanopia**  
3B7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 446B91 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 #446B91 looks like.

```
.text, #text, p{  
    color:#446B91  
}
```

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 #446B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446B91
}
```

## Border

The CSS property to change the border of an element to Hex 446B91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

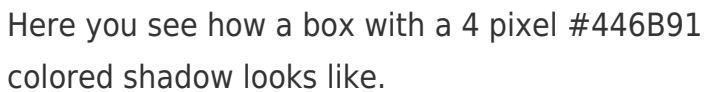
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#446B91 }
```

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

```
.border{ border-color:#446B91 }
```

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



Here you see how a box with a 4 pixel #446B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446B91; -webkit-box-shadow:4px 4px  
4px 4px #446B91; box-shadow:4px 4px 4px  
4px #446B91 }
```

# Background

The CSS property to change the background color of an element to Hex 446B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446B91 }
```

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

```
.background{ background-color:#446B91 }
```

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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