

# Converting Colors

Hex(405C94)

Have a look what the booklet for  
Hex(405C94) contains.

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# Color

Hex(405C94)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	405C94
RGB	64, 92, 148
RGB Percent	25%, 36%, 58%
CMY	0.7490, 0.6392, 0.4196
CMYK	0.57, 0.38, 0.00, 0.42
HSL	220°, 40%, 42%
HSV	220°, 57%, 58%
XYZ	11.2868, 10.8824, 29.5226
YIQ	90.0120, -34.6640, 11.4800

# Conversions

## Conversions Part 2

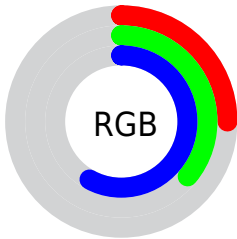
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 85, 148
Decimal	4218004
CIE <sub>Lab</sub>	39.38, 7.05, -33.96
CIE <sub>LCh</sub>	39, 34.686, 281.723
Yxy	10.8824, 0.2183, 0.2105
Android (android.graphics.Color)	4282408084 (0xFF405C94)
YUV	90.0120, 28.5881, -22.8125
Hunter-Lab	32.9885, 3.3428, -29.9689

# Details

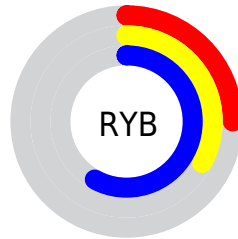
The Hex color **405C94** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **947840**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **768ECA**, and **002F61** is the 20% darker color. If you saturate the color by 10%, you get **315294**, and if you desaturate by 10%, it is **4F6694**.

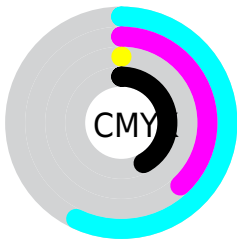
# Distribution



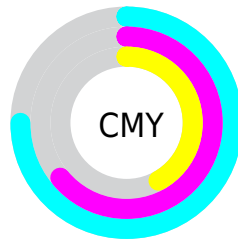
- Red (25%)
- Green (36%)
- Blue (58%)



- Red (25%)
- Yellow (33%)
- Blue (58%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (64%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405C94 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 405C94 by changing the saturation by 10% instead.



■ 405C94

■ 405C94

FFFFFF

■ 23457A

■ 768ECA

■ 002F61

■ 91A8E7

■ 001B49

■ ADC3FF

■ 000132

■ C9DFFF

■ 00021C

■ E6FCFF

■ 000000

■ 405C94

■ 405C94

■ 315294

■ 4F6694

■ 224894

■ 5E7094

■ 143E94

■ 6C7A94

■ 053594

■ 7B8394

■ 003194

■ 8A8D94

■ 999794

■ A8A194

■ B6AB94

■ C5B594

# Harmonies

## Analogous

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



006592



405C94



6D5187

# Triad

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



405C94



8C4B39



136A4A

# Complementary

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



405C94



947840

# 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.



436631



405C94



7B5526

# Square

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



405C94



924553



625F23



006B67

# Rectangle

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



405C94



814A78



625F23



286941



# Sweetspot

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



405C94



9FAABF



409478



4E5461



E0E0E0



616161



# Same Dimension

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



405C94



3D69BF



4E4094



43454A



002E8A



00030A



# Inverse Universe

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



94405C



BF3D69



869440



4A4345



8A002E

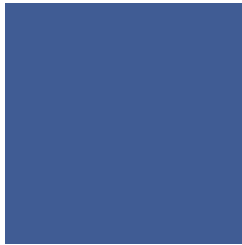


0A0003



# Previews

## White Background



This preview shows how the Hex color 405C94 looks on a white background.

## Color Contrast Check

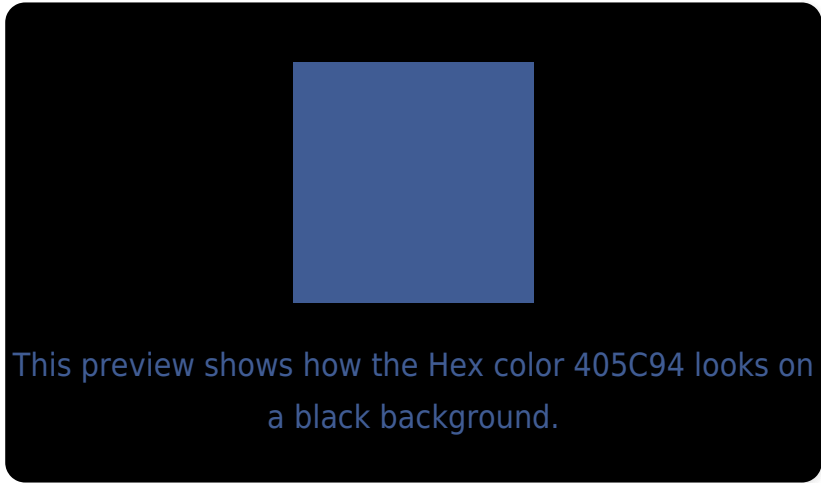
Large Text (above 18pt) WCAG AA ✓ Pass

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

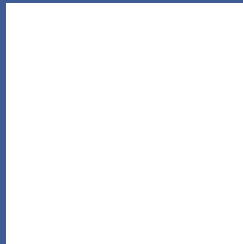
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 405C94 Background



This preview shows how black text looks on a background with the Hex color 405C94.



This preview shows how white text looks on a background with the Hex color 405C94.

# 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**  
405C94

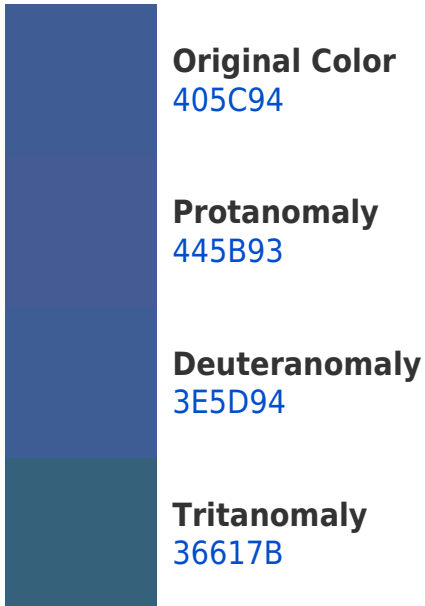
**Protanopia**  
475B93

**Deuteranopia**  
3D5D94

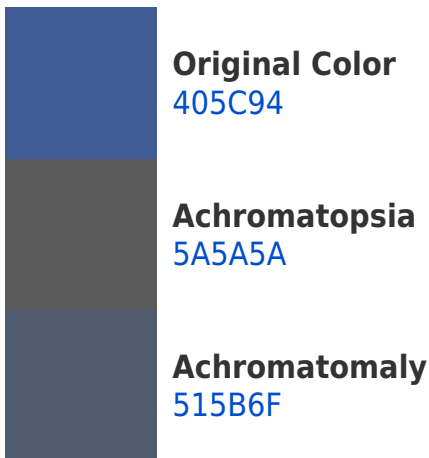


**Tritanopia**  
30646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405C94 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 #405C94 looks like.

```
.text, #text, p{  
    color:#405C94  
}
```

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 #405C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C94
}
```

## Border

The CSS property to change the border of an element to Hex 405C94 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
#405C94 }
```

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

```
.border{ border-color:#405C94 }
```

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

Here you see how a box with a 4 pixel #405C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C94; -webkit-box-shadow:4px 4px  
4px 4px #405C94; box-shadow:4px 4px 4px  
4px #405C94 }
```

# Background

The CSS property to change the background color of an element to Hex 405C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C94 }
```

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

```
.background{ background-color:#405C94 }
```

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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