

# Converting Colors

Hex(405FC4)

Have a look what the booklet for  
Hex(405FC4) contains.

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# Color

**Hex(405FC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	405FC4
RGB	64, 95, 196
RGB Percent	25%, 37%, 77%
CMY	0.7490, 0.6275, 0.2314
CMYK	0.67, 0.52, 0.00, 0.23
HSL	226°, 53%, 51%
HSV	226°, 67%, 77%
XYZ	16.1704, 13.2599, 53.9317
YIQ	97.2450, -50.8970, 24.8390

# Conversions

## Conversions Part 2

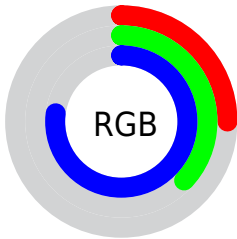
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 89, 196
Decimal	4218820
CIE <sub>Lab</sub>	43.15, 22.09, -56.26
CIE <sub>LCh</sub>	43, 60.437, 291.435
Yxy	13.2599, 0.1940, 0.1591
Android (android.graphics.Color)	4282408900 (0xFF405FC4)
YUV	97.2450, 48.6862, -29.1559
Hunter-Lab	36.4142, 15.5413, -62.3223

# Details

The Hex color **405FC4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C4A540**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7E91FD**, and **00328D** is the 20% darker color. If you saturate the color by 10%, you get **2C50C4**, and if you desaturate by 10%, it is **546EC4**.

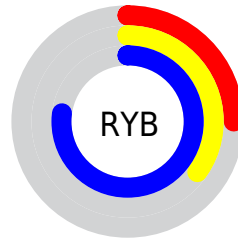
# Distribution



Red (25%)

Green (37%)

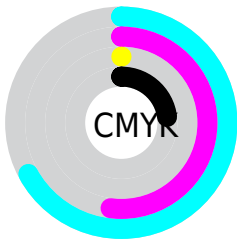
Blue (77%)



Red (25%)

Yellow (35%)

Blue (77%)

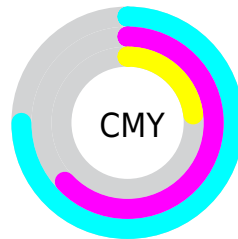


Cyan (67%)

Magenta (52%)

Yellow (0%)

Black (23%)



Cyan (75%)

Magenta (63%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405FC4 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 405FC4 by changing the saturation by 10% instead.



■ 405FC4

■ 405FC4

FFFFFF

■ 1748A8

■ 7E91FD

■ 00328D

■ 9BABFF

■ 001E73

■ B8C7FF

■ 00075A

■ D6E3FF

■ 000742

■ F4FFFF

■ 00032B

■ 000115

■ 000000

■ 405FC4

■ 405FC4

■ 2C50C4

■ 546EC4

■ 1941C4

■ 677DC4

■ 0532C4

■ 7B8CC4

■ 002EC4

■ 8E9BC4

■ A2AAC4

■ B6B9C4

■ C9C8C4

■ DDD7C4

■ F0E6C4

# Harmonies

## Analogous

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



0070CA



405FC4



9346A5

# Triad

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



405FC4



AA4814



007B55

# Complementary

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



405FC4



C4A540

# 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.



007721



405FC4



885F00

# Square

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



405FC4



BC3045



596E00



007C89

# Rectangle

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



405FC4



AE3487



596E00



007A44



# Sweetspot

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



405FC4



CCD8FF



40C4A3



616880



000000



808080



# Same Dimension

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



405FC4



3061FF



6140C4



575961



0026A1



000821



# Inverse Universe

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



C4405F



FF3061



A3C440



615759



A10026

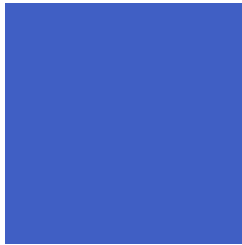


210008



# Previews

## White Background



This preview shows how the Hex color 405FC4 looks on a white background.

## Color Contrast Check

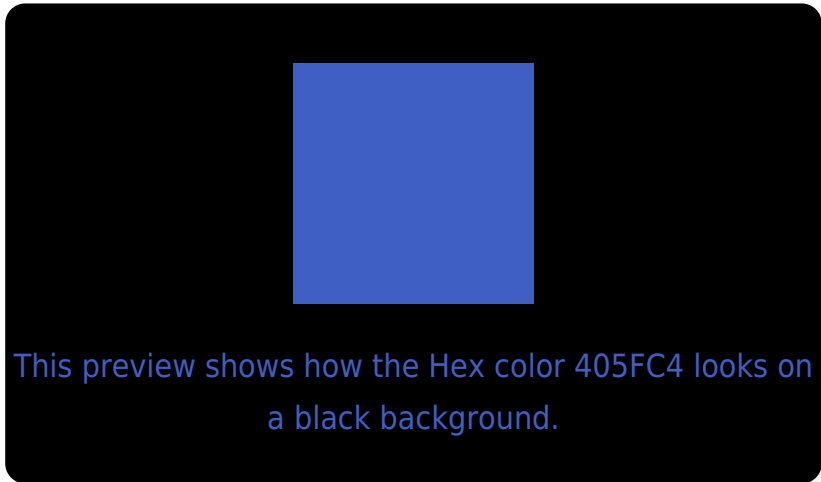
Large Text (above 18pt) WCAG AA ✓ Pass

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

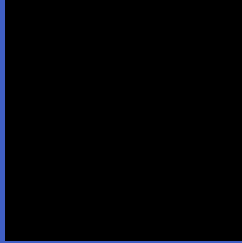
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 405FC4 Background



This preview shows how black text looks on a background with the Hex color 405FC4.

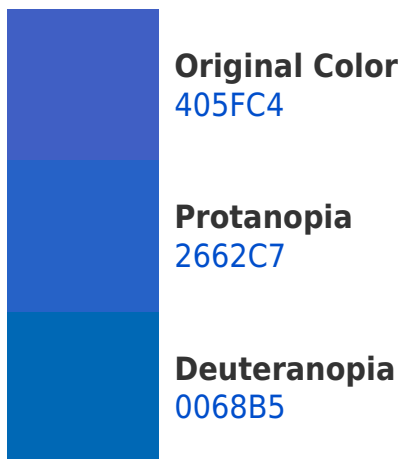


This preview shows how white text looks on a background with the Hex color 405FC4.

# 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](#).

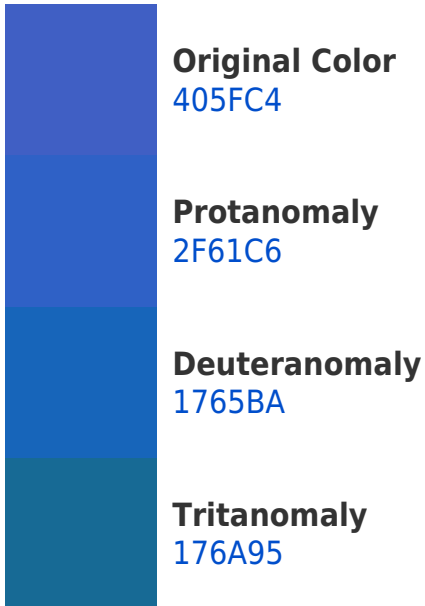
## Dichromacy



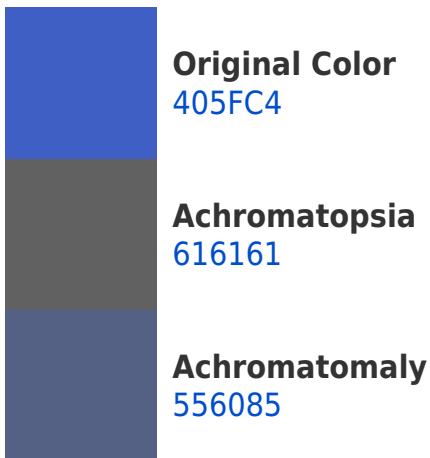


**Tritanopia**  
00717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405FC4 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 #405FC4 looks like.

```
.text, #text, p{  
    color:#405FC4  
}
```

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 #405FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405FC4
}
```

## Border

The CSS property to change the border of an element to Hex 405FC4 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
#405FC4 }
```

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

```
.border{ border-color:#405FC4 }
```

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

Here you see how a box with a 4 pixel #405FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405FC4; -webkit-box-shadow:4px 4px  
4px 4px #405FC4; box-shadow:4px 4px 4px  
4px #405FC4 }
```

# Background

The CSS property to change the background color of an element to Hex 405FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405FC4 }
```

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

```
.background{ background-color:#405FC4 }
```

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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