

# Converting Colors

Hex(4C56C3)

Have a look what the booklet for  
Hex(4C56C3) contains.

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# Color

Hex(4C56C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C56C3
RGB	76, 86, 195
RGB Percent	30%, 34%, 76%
CMY	0.7020, 0.6627, 0.2353
CMYK	0.61, 0.56, 0.00, 0.24
HSL	235°, 50%, 53%
HSV	235°, 61%, 76%
XYZ	16.1586, 12.1322, 53.1199
YIQ	95.4360, -40.9490, 31.7790

# Conversions

## Conversions Part 2

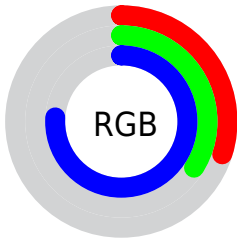
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 85, 195
Decimal	5002947
CIE <sub>Lab</sub>	41.43, 29.46, -58.44
CIE <sub>LCh</sub>	41, 65.443, 296.757
Yxy	12.1322, 0.1985, 0.1490
Android (android.graphics.Color)	4283193027 (0xFF4C56C3)
YUV	95.4360, 49.0851, -17.0454
Hunter-Lab	34.8313, 21.8532, -66.0389

# Details

The Hex color **4C56C3** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C3B94C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8788FC**, and **00298C** is the 20% darker color. If you saturate the color by 10%, you get **3944C3**, and if you desaturate by 10%, it is **6068C3**.

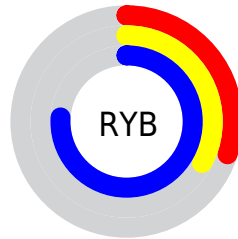
# Distribution



Red (30%)

Green (34%)

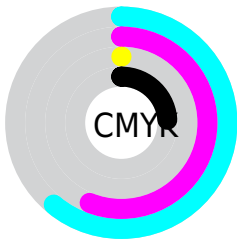
Blue (76%)



Red (30%)

Yellow (33%)

Blue (76%)

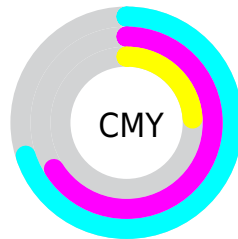


Cyan (61%)

Magenta (56%)

Yellow (0%)

Black (24%)



Cyan (70%)

Magenta (66%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C56C3 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 4C56C3 by changing the saturation by 10% instead.





4C56C3



4C56C3

FFFFFF



2A3FA7



8788FC



00298C



A4A2FF



001572



C2BDFF



000059



DFD9FF



000740



FDF5FF



000329



000114



000000



4C56C3



4C56C3

■ 3944C3

■ 6068C3

■ 2532C3

■ 737AC3

■ 1220C3

■ 868CC3

■ 0010C3

■ 9A9DC3

■ AEAFC3

■ C1C1C3

■ D5D3C3

■ E8E5C3

■ FCF7C3

# Harmonies

## Analogous

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



006BCE



4C56C3



9B379E

# Triad

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



4C56C3



A34600



00785A

# Complementary

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



4C56C3



C3B94C

# 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.



007420



4C56C3



7C5E00

# Square

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



4C56C3



BB2535



486D00



007991

# Rectangle

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



4C56C3



B41F7C



486D00



007747



# Sweetspot

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



4C56C3



CFD3FC



4CC3B7



636680



000000



808080



# Same Dimension

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



4C56C3



4454FC



7C4CC3



575861



000DA1



000321



# Inverse Universe

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



C34C56



FC4454



93C34C



615758



A1000E

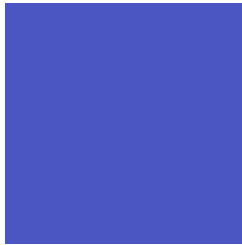


210003



# Previews

## White Background



This preview shows how the Hex color 4C56C3 looks on a white background.

## Color Contrast Check

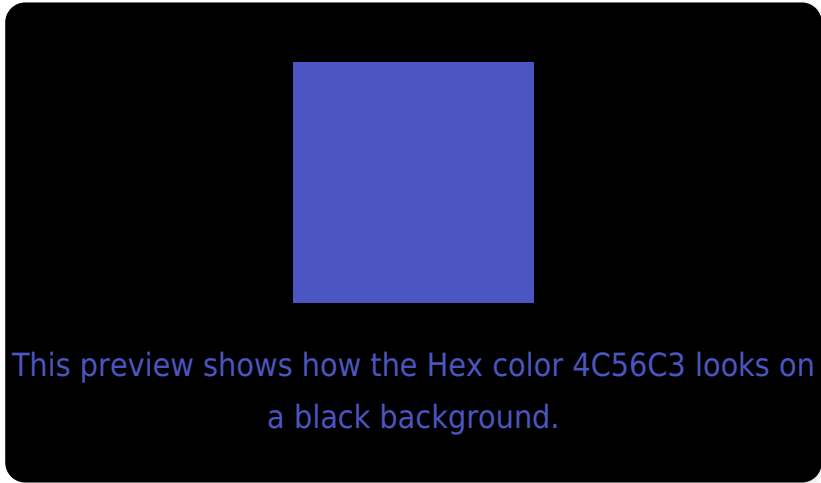
Large Text (above 18pt) WCAG AA ✓ Pass

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

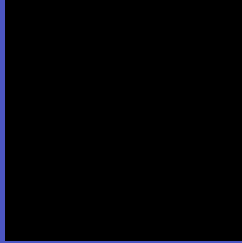
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C56C3 Background



This preview shows how black text looks on a background with the Hex color 4C56C3.

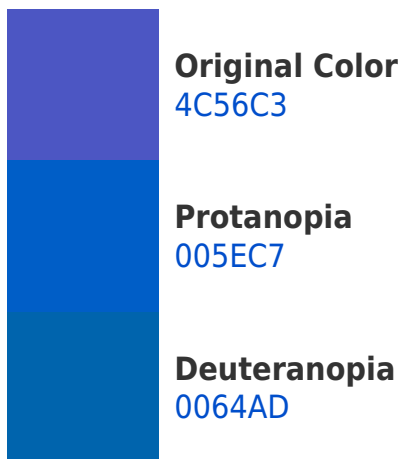



This preview shows how white text looks on a background with the Hex color 4C56C3.

# 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**  
256B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C56C3 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 #4C56C3 looks like.

```
.text, #text, p{  
    color:#4C56C3  
}
```

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 #4C56C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C56C3
}
```

## Border

The CSS property to change the border of an element to Hex 4C56C3 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
#4C56C3 }
```

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

```
.border{ border-color:#4C56C3 }
```

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

Here you see how a box with a 4 pixel #4C56C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C56C3; -webkit-box-shadow:4px 4px  
4px 4px #4C56C3; box-shadow:4px 4px 4px  
4px #4C56C3 }
```

# Background

The CSS property to change the background color of an element to Hex 4C56C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C56C3 }
```

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

```
.background{ background-color:#4C56C3 }
```

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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