

Converting Colors

Hex(4C64DC)

Have a look what the booklet for
Hex(4C64DC) contains.

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Color

Hex(4C64DC)

Conversions

Conversions Part 1

Format	Color
Hex	4C64DC
RGB	76, 100, 220
RGB Percent	30%, 39%, 86%
CMY	0.7020, 0.6078, 0.1373
CMYK	0.65, 0.55, 0.00, 0.14
HSL	230°, 67%, 58%
HSV	230°, 65%, 86%
XYZ	20.4559, 15.8181, 69.6852
YIQ	106.5040, -52.8240, 32.2320

Conversions

Conversions Part 2

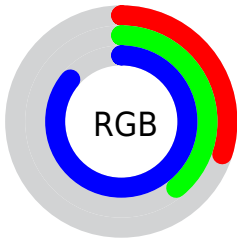
Format	Color
RYB	76, 97, 220
Decimal	5006556
CIELab	46.73, 29.23, -64.19
CIElCh	47, 70.532, 294.482
Yxy	15.8181, 0.1931, 0.1493
Android (android.graphics.Color)	4283196636 (0xFF4C64DC)
YUV	106.5040, 55.9535, -26.7520
Hunter-Lab	39.7720, 22.2067, -76.0425

Details

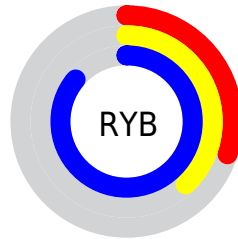
The Hex color **4C64DC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **DCC44C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8B97FF**, and **0036A4** is the 20% darker color. If you saturate the color by 10%, you get **3652DC**, and if you desaturate by 10%, it is **6276DC**.

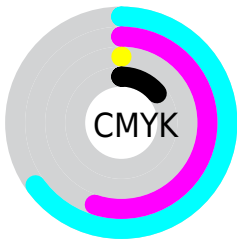
Distribution



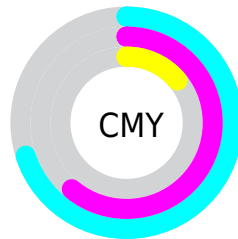
- Red (30%)
- Green (39%)
- Blue (86%)



- Red (30%)
- Yellow (38%)
- Blue (86%)



- Cyan (65%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C64DC 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 4C64DC by changing the saturation by 10% instead.

■ 4C64DC

■ 4C64DC

FFFFFF

■ 254CC0

■ 8B97FF

■ 0036A4

■ A9B1FF

■ 002289

■ C7CDFF

■ 00106F

■ E5E9FF

■ 000056

■ 00063D

■ 000327

■ 000110

■ 000000

 4C64DC

 4C64DC

 3652DC

 6276DC

 203FDC

 7889DC

 0A2DDC

 8E9BDC

 0025DC

 A4ADDC

 BAC0DC

 D0D2DC

 E6E4DC

 FCF7DC

 FFFFDC

Harmonies

Analogous

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



007AE6



4C64DC



AA43B5

Triad

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



4C64DC



BA4D00



008762

Complementary

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



4C64DC



DCC44C

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.



008321



4C64DC



906900

Square

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



4C64DC



D22A42



587A00



00889F

Rectangle

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



4C64DC



C72A90



587A00



00864D

Sweetspot

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



4C64DC



CCD5FF



4CDCC4



616680



000000



808080

Same Dimension

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



4C64DC



3657FF



7C4CDC



63656E



001DAD



00082E

Inverse Universe

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



DC4C64



FF3657



ACDC4C



6E6365



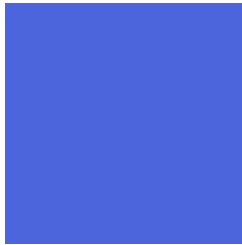
AD001D



2E0008

Previews

White Background



This preview shows how the Hex color 4C64DC looks on a white background.

Color Contrast Check

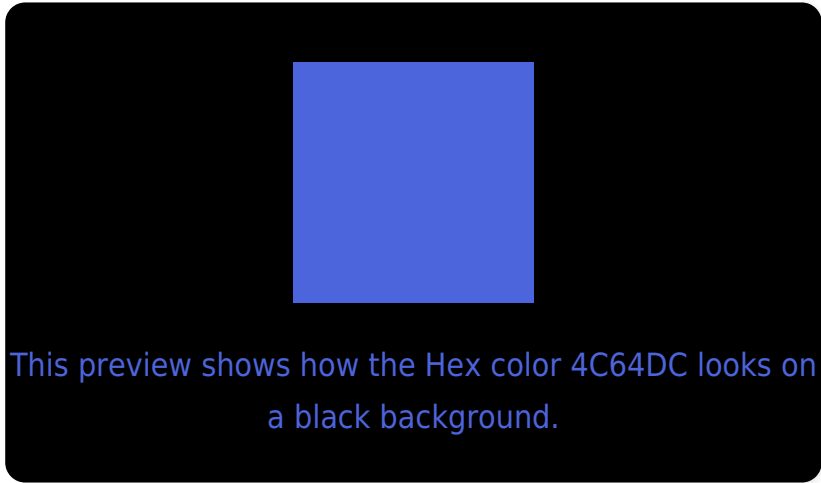
Large Text (above 18pt) WCAG AA ✓ Pass

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

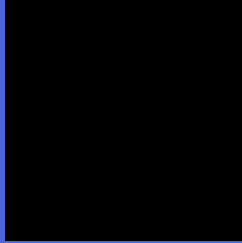
Any Text WCAG AA × Fail

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 4C64DC Background



This preview shows how black text looks on a background with the Hex color 4C64DC.



This preview shows how white text looks on a background with the Hex color 4C64DC.

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
4C64DC

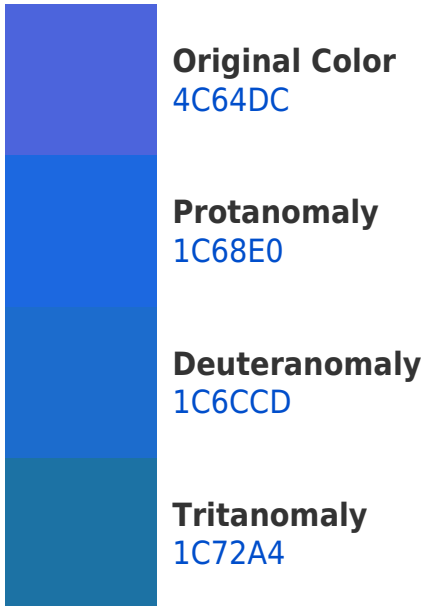
Protanopia
006AE2

Deuteranopia
0071C4



Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C64DC 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 #4C64DC looks like.

```
.text, #text, p{  
    color:#4C64DC  
}
```

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 #4C64DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C64DC
}
```

Border

The CSS property to change the border of an element to Hex 4C64DC 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
#4C64DC }
```

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

```
.border{ border-color:#4C64DC }
```

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

Here you see how a box with a 4 pixel #4C64DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C64DC; -webkit-box-shadow:4px 4px  
4px 4px #4C64DC; box-shadow:4px 4px 4px  
4px #4C64DC }
```

Background

The CSS property to change the background color of an element to Hex 4C64DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C64DC }
```

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

```
.background{ background-color:#4C64DC }
```

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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