

Converting Colors

Hex(4C30D6)

Have a look what the booklet for
Hex(4C30D6) contains.

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Color

Hex(4C30D6)

Conversions

Conversions Part 1

Format	Color
Hex	4C30D6
RGB	76, 48, 214
RGB Percent	30%, 19%, 84%
CMY	0.7020, 0.8118, 0.1608
CMYK	0.64, 0.78, 0.00, 0.16
HSL	250°, 67%, 51%
HSV	250°, 78%, 84%
XYZ	16.1750, 8.5054, 64.4075
YIQ	75.2960, -36.5980, 57.5620

Conversions

Conversions Part 2

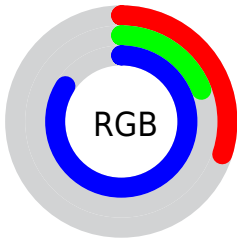
Format	Color
R_{YB}	76, 48, 214
Decimal	4993238
CIE Lab	35.01, 57.19, -79.93
CIE LCh	35, 98.287, 305.583
Yxy	8.5054, 0.1816, 0.0955
Android (android.graphics.Color)	4283183318 (0xFF4C30D6)
YUV	75.2960, 68.3811, 0.6174
Hunter-Lab	29.1641, 47.9628, -110.5243

Details

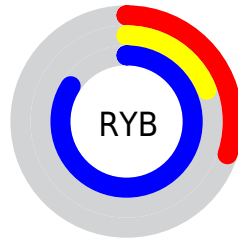
The Hex color **4C30D6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BAD630**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8D63FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **3A1BD6**, and if you desaturate by 10%, it is **5E45D6**.

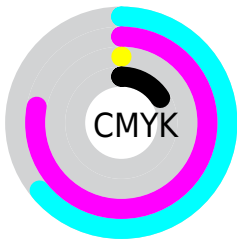
Distribution



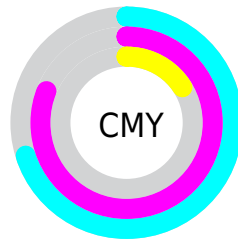
- Red (30%)
- Green (19%)
- Blue (84%)



- Red (30%)
- Yellow (19%)
- Blue (84%)



- Cyan (64%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C30D6 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 4C30D6 by changing the saturation by 10% instead.

 4C30D6

 4C30D6

FFFFFF

 2216BA

 8D63FF

 00009E

 AC7DFF

 000083

 CA98FF

 000068

 E9B3FF

 000A4F

 FFCFFF

 000537

 FFECFF

 000221

 000006

 000000

 4C30D6

 4C30D6


 3A1BD6

 5E45D6

 2805D6

 705BD6

 2400D6

 8170D6

 9386D6

 A59BD6

 B7B0D6

 C9C6D6

 DADBD6

 ECF1D6

Harmonies

Analogous

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



005CF5



4C30D6



B40095

Triad

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



4C30D6



963000



006C60

Complementary

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



4C30D6



BAD630

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.



006A00



4C30D6



585500

Square

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



4C30D6



C10000



006400



006EAE

Rectangle

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



4C30D6



CC0062



006400



006C44

Sweetspot

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



4C30D6



CEC4FF



30BAD6



625C80



000000



808080

Same Dimension

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



4C30D6



3A12FF



9F30D6



62606B



1D00AB



07002B

Inverse Universe

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



D630BA



FF12D7



67D630



6B6069



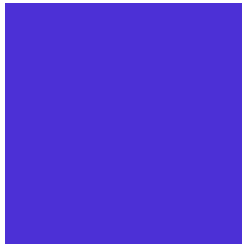
AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 4C30D6 looks on a white background.

Color Contrast Check

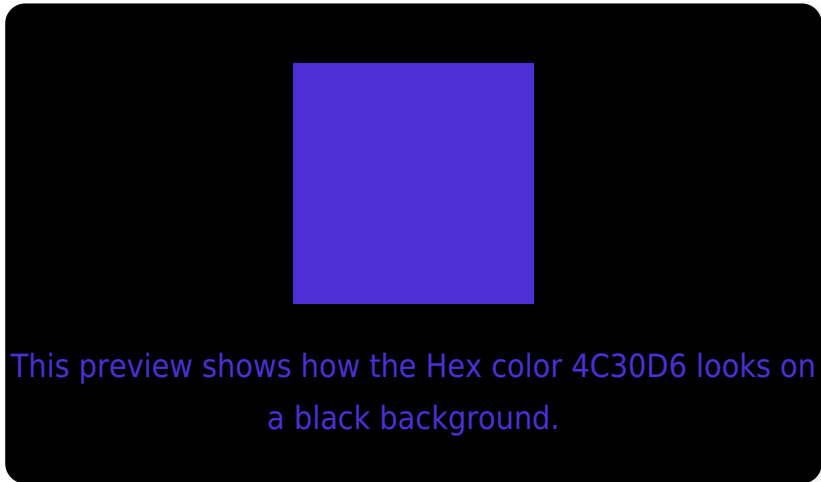
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

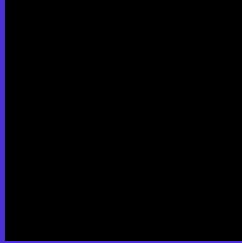
Any Text WCAG AA × Fail

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 4C30D6 Background



This preview shows how black text looks on a background with the Hex color 4C30D6.

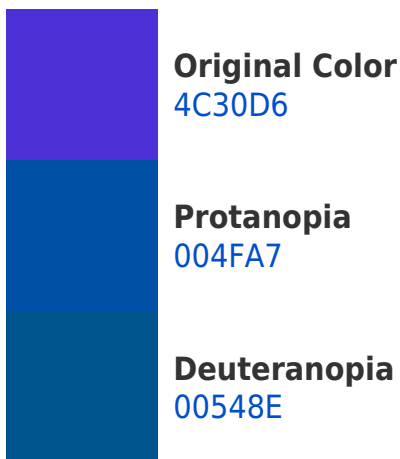


This preview shows how white text looks on a background with the Hex color 4C30D6.

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
005B62

Trichromacy



Original Color
4C30D6

Protanomaly
1C44B8

Deuteranomaly
1C47A8

Tritanomaly
1C4B8C

Monochromacy



Original Color
4C30D6

Achromatopsia
4B4B4B

Achromatomaly
4B417E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C30D6 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 #4C30D6 looks like.

```
.text, #text, p{  
    color:#4C30D6  
}
```

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 #4C30D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C30D6
}
```

Border

The CSS property to change the border of an element to Hex 4C30D6 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
#4C30D6 }
```

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

```
.border{ border-color:#4C30D6 }
```

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

Here you see how a box with a 4 pixel #4C30D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C30D6; -webkit-box-shadow:4px 4px  
4px 4px #4C30D6; box-shadow:4px 4px 4px  
4px #4C30D6 }
```

Background

The CSS property to change the background color of an element to Hex 4C30D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C30D6 }
```

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

```
.background{ background-color:#4C30D6 }
```

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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