

Converting Colors

Hex(5229CC)

Have a look what the booklet for
Hex(5229CC) contains.

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Color

Hex(5229CC)

Conversions

Conversions Part 1

Format	Color
Hex	5229CC
RGB	82, 41, 204
RGB Percent	32%, 16%, 80%
CMY	0.6784, 0.8392, 0.2000
CMYK	0.60, 0.80, 0.00, 0.20
HSL	255°, 67%, 48%
HSV	255°, 80%, 80%
XYZ	15.1717, 7.7393, 57.8209
YIQ	71.8410, -27.8870, 59.3850

Conversions

Conversions Part 2

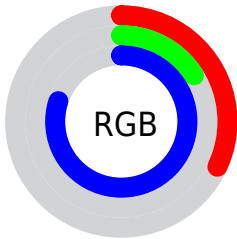
Format	Color
R_{YB}	82, 41, 204
Decimal	5384652
CIE _{Lab}	33.43, 58.15, -76.73
CIE _{LCh}	33, 96.274, 307.158
Yxy	7.7393, 0.1879, 0.0959
Android (android.graphics.Color)	4283574732 (0xFF5229CC)
YUV	71.8410, 65.1544, 8.9094
Hunter-Lab	27.8197, 48.6620, -103.7557

Details

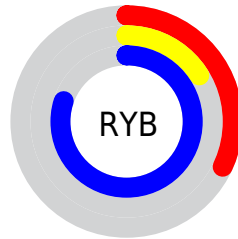
The Hex color **5229CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A3CC29**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **915DFF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **4315CC**, and if you desaturate by 10%, it is **613DCC**.

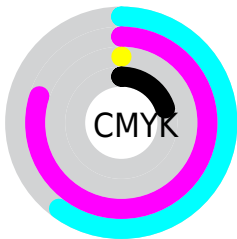
Distribution



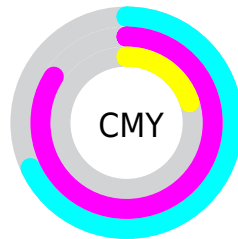
- Red (32%)
- Green (16%)
- Blue (80%)



- Red (32%)
- Yellow (16%)
- Blue (80%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5229CC 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 5229CC by changing the saturation by 10% instead.

■ 5229CC

■ 5229CC

FFFFFF

■ 2D0BB0

■ 915DFF

■ 000094

■ AF77FF

■ 00007A

■ CD92FF

■ 000060

■ ECADFF

■ 000847

■ FFC9FF

■ 00042F

■ FFE6FF

■ 00011A

■ 000000

■ 5229CC

■ 5229CC

■ 4315CC

■ 613DCC

■ 3300CC

■ 7152CC

■ 8066CC

■ 8F7BCC

■ 9E8FCC

■ AEA3CC

■ BDB8CC

■ CCCCCC

■ DBE1CC

Harmonies

Analogous

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



0057EC



5229CC



B0008C

Triad

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



5229CC



8D3000



006860

Complementary

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



5229CC



A3CC29

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.



006603



5229CC



515200

Square

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



5229CC



B80000



006000



006AAB

Rectangle

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



5229CC



C5005A



006000



006745

Sweetspot

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



5229CC



D1C2FF



29A3CC



645B80



000000



808080

Same Dimension

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



5229CC



480AFF



A329CC



5E5C66



2A00A6



0A0026

Inverse Universe

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



CC29A3



FF0AC1



52CC29



665C63



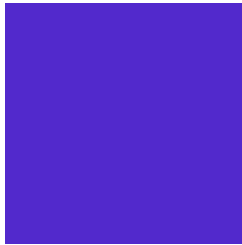
A6007C



26001D

Previews

White Background



This preview shows how the Hex color 5229CC 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

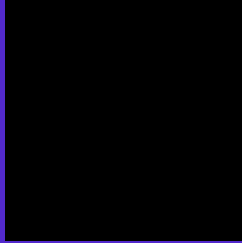
Any Text WCAG AA × Fail

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 5229CC Background



This preview shows how black text looks on a background with the Hex color 5229CC.

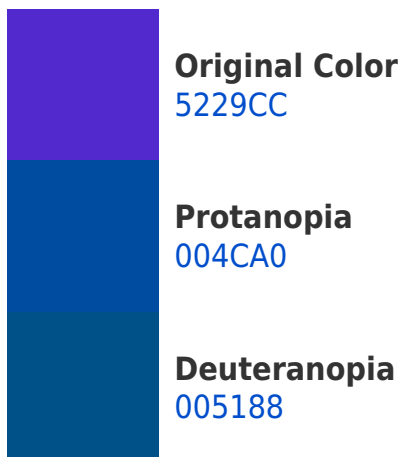



This preview shows how white text looks on a background with the Hex color 5229CC.

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
1E565D

Trichromacy



Original Color
5229CC



Protanomaly
1E3FB0



Deuteranomaly
1E42A1



Tritanomaly
314685

Monochromacy



Original Color
5229CC



Achromatopsia
484848



Achromatomaly
4C3D78

CSS Examples

Text

The CSS property to change the color of the text to Hex 5229CC 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 #5229CC looks like.

```
.text, #text, p{  
    color:#5229CC  
}
```

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 #5229CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5229CC }
}
```

Border

The CSS property to change the border of an element to Hex 5229CC 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".

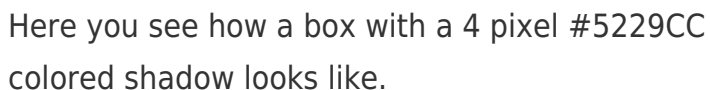
```
.border, #border, table{ border:4px solid #5229CC }
}
```

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

```
.border{ border-color:#5229CC }
```

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

Here you see how a box with a 4 pixel #5229CC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5229CC; -webkit-box-shadow:4px 4px  
4px 4px #5229CC; box-shadow:4px 4px 4px  
4px #5229CC }
```

Background

The CSS property to change the background color of an element to Hex 5229CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5229CC }
```

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

```
.background{ background-color:#5229CC }
```

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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