

Converting Colors

Hex(6029CD)

Have a look what the booklet for
Hex(6029CD) contains.

Hex(6029CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6029CD)

Conversions

Conversions Part 1

Format	Color
Hex	6029CD
RGB	96, 41, 205
RGB Percent	38%, 16%, 80%
CMY	0.6235, 0.8392, 0.1961
CMYK	0.53, 0.80, 0.00, 0.20
HSL	260°, 67%, 48%
HSV	260°, 80%, 80%
XYZ	16.6363, 8.4805, 58.5177
YIQ	76.1410, -19.8640, 62.6640

Conversions

Conversions Part 2

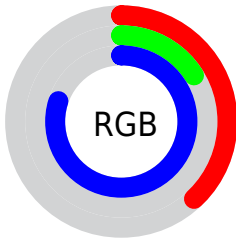
Format	Color
R_{YB}	96, 41, 205
Decimal	6302157
CIE _{Lab}	34.96, 60.02, -74.74
CIE _{LCh}	35, 95.853, 308.765
Yxy	8.4805, 0.1989, 0.1014
Android (android.graphics.Color)	4284492237 (0xFF6029CD)
YUV	76.1410, 63.5275, 17.4163
Hunter-Lab	29.1212, 51.0107, -98.7555

Details

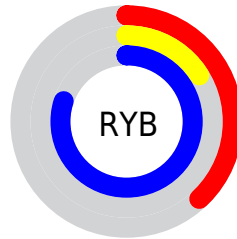
The Hex color **6029CD** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **96CD29**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9D5EFF**, and **130095** is the 20% darker color. If you saturate the color by 10%, you get **5214CD**, and if you desaturate by 10%, it is **6E3ECD**.

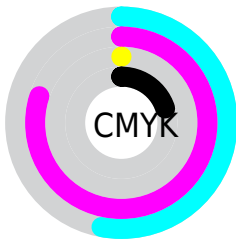
Distribution



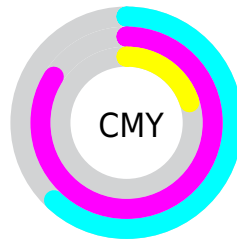
- Red (38%)
- Green (16%)
- Blue (80%)



- Red (38%)
- Yellow (16%)
- Blue (80%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6029CD 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 6029CD by changing the saturation by 10% instead.

6029CD

6029CD

FFFFFF

3F08B1

9D5EFF

130095

BB78FF

00007B

D993FF

000061

F7AFFF

000848

FFCBFF

000430

FFE8FF

00011A

000000

6029CD

6029CD

■ 5214CD

■ 6E3ECD

■ 4500CD

■ 7B52CD

■ 8967CD

■ 967BCD

■ A490CD

■ B2A4CD

■ BFB9CD

■ CDCDCD

■ DBE2CD

Harmonies

Analogous

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



0058EF



6029CD



B7008B

Triad

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



6029CD



8F3700



006C68

Complementary

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



6029CD



96CD29

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.



006A10



6029CD



515700

Square

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



6029CD



BB0000



006500



006EB3

Rectangle

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



6029CD



CB0059



006500



006C4D

Sweetspot

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



6029CD



D6C2FF



2996CD



675B80



000000



808080

Same Dimension

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



6029CD



5C0AFF



B229CD



5F5C66



3800A6



0D0026

Inverse Universe

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



CD2996



FF0AAD



44CD29



665C63



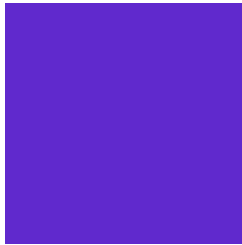
A6006E



260019

Previews

White Background



This preview shows how the Hex color 6029CD 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

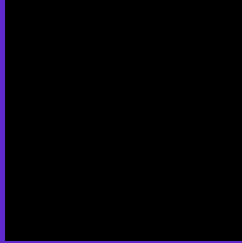
Any Text WCAG AA × Fail

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 6029CD Background



This preview shows how black text looks on a background with the Hex color 6029CD.

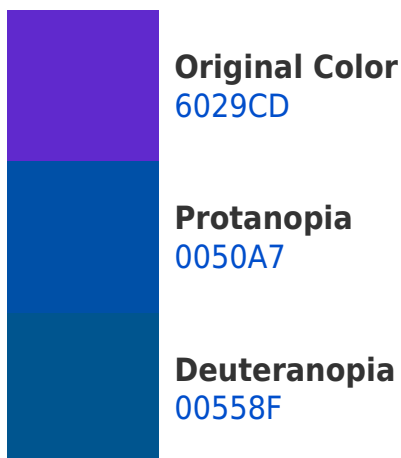


This preview shows how white text looks on a background with the Hex color 6029CD.

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
3C575E

Trichromacy



Original Color
6029CD



Protanomaly
2342B5



Deuteranomaly
2345A6



Tritanomaly
494686

Monochromacy



Original Color
6029CD



Achromatopsia
4C4C4C



Achromatomaly
533F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6029CD 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 #6029CD looks like.

```
.text, #text, p{  
    color:#6029CD  
}
```

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 #6029CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6029CD
}
```

Border

The CSS property to change the border of an element to Hex 6029CD 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
#6029CD }
```

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

```
.border{ border-color:#6029CD }
```

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

Here you see how a box with a 4 pixel #6029CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6029CD; -webkit-box-shadow:4px 4px  
4px 4px #6029CD; box-shadow:4px 4px 4px  
4px #6029CD }
```

Background

The CSS property to change the background color of an element to Hex 6029CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6029CD }
```

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

```
.background{ background-color:#6029CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor