

# Converting Colors

Hex(6229D6)

Have a look what the booklet for  
Hex(6229D6) contains.

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# Color

**Hex(6229D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6229D6
RGB	98, 41, 214
RGB Percent	38%, 16%, 84%
CMY	0.6157, 0.8392, 0.1608
CMYK	0.54, 0.81, 0.00, 0.16
HSL	260°, 68%, 50%
HSV	260°, 81%, 84%
XYZ	17.9675, 9.0376, 64.4158
YIQ	77.7650, -21.5610, 65.8870

# Conversions

## Conversions Part 2

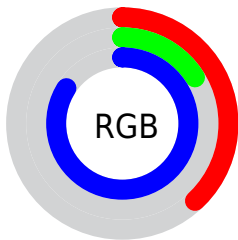
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 41, 214
Decimal	6433238
CIE <sub>Lab</sub>	36.06, 62.58, -78.14
CIE <sub>LCh</sub>	36, 100.112, 308.688
Yxy	9.0376, 0.1965, 0.0989
Android (android.graphics.Color)	4284623318 (0xFF6229D6)
YUV	77.7650, 67.1639, 17.7461
Hunter-Lab	30.0626, 54.0748, -105.9982

# Details

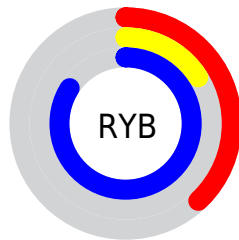
The Hex color **6229D6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **9DD629**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A05FFF**, and **11009E** is the 20% darker color. If you saturate the color by 10%, you get **5414D6**, and if you desaturate by 10%, it is **703ED6**.

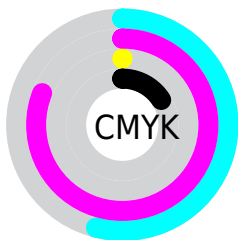
# Distribution



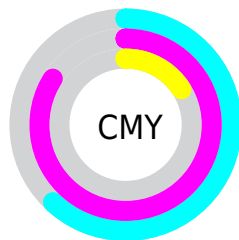
- Red (38%)
- Green (16%)
- Blue (84%)



- Red (38%)
- Yellow (16%)
- Blue (84%)



- Cyan (54%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (84%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6229D6 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 6229D6 by changing the saturation by 10% instead.



6229D6

6229D6

FFFFFF

4006BA

A05FFF

11009E

BE79FF

000083

DC95FF

000069

FBB0FF

00084F

FFCDFF

000537

FFE9FF

000221

000006

000000

■ 6229D6

■ 6229D6

■ 5414D6

■ 703ED6

■ 4700D6

■ 7F54D6

■ 8D69D6

■ 9B7FD6

■ AA94D6

■ B8A9D6

■ C6BFD6

■ D5D4D6

■ E3EAD6

# Harmonies

## Analogous

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



005CFA



6229D6



BE0091

# Triad

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



6229D6



943800



00706B

# Complementary

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



6229D6



9DD629

# 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.



006D0E



6229D6



535A00

# Square

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



6229D6



C30000



006800



0071BA

# Rectangle

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



6229D6



D3005C



006800



006F4F



# Sweetspot

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



6229D6



D6C2FF



299FD6



675B80



000000



808080



# Same Dimension

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



6229D6



5908FF



B629D6



64606B



3800AB



0E002B



# Inverse Universe

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



D6299D



FF08AE



49D629



6B6068



AB0073

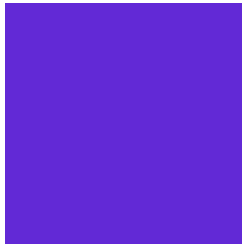


2B001D



# Previews

## White Background



This preview shows how the Hex color 6229D6 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

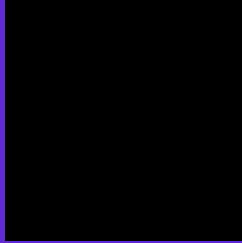
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6229D6 Background



This preview shows how black text looks on a background with the Hex color 6229D6.

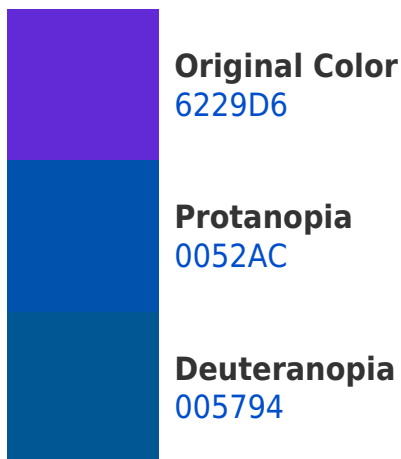



This preview shows how white text looks on a background with the Hex color 6229D6.

# 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**  
3B5A61

# Trichromacy



**Original Color**  
6229D6



**Protanomaly**  
2443BB



**Deuteranomaly**  
2446AC



**Tritanomaly**  
49488C

# Monochromacy



**Original Color**  
6229D6



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
55417F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6229D6 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 #6229D6 looks like.

```
.text, #text, p{  
    color:#6229D6  
}
```

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 #6229D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6229D6
}
```

## Border

The CSS property to change the border of an element to Hex 6229D6 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
#6229D6 }
```

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

```
.border{ border-color:#6229D6 }
```

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

Here you see how a box with a 4 pixel #6229D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6229D6; -webkit-box-shadow:4px 4px  
4px 4px #6229D6; box-shadow:4px 4px 4px  
4px #6229D6 }
```

# Background

The CSS property to change the background color of an element to Hex 6229D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6229D6 }
```

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

```
.background{ background-color:#6229D6 }
```

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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