

# Converting Colors

Hex(6200E2)

Have a look what the booklet for  
Hex(6200E2) contains.

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# Color

**Hex(6200E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6200E2
RGB	98, 0, 226
RGB Percent	38%, 0%, 89%
CMY	0.6157, 1.0000, 0.1137
CMYK	0.57, 1.00, 0.00, 0.11
HSL	266°, 100%, 44%
HSV	266°, 100%, 89%
XYZ	18.7645, 8.0877, 72.5236
YIQ	55.0660, -14.1380, 91.0620

# Conversions

## Conversions Part 2

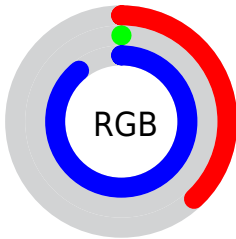
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 0, 226
Decimal	6422754
CIELab	34.16, 74.91, -88.17
CIELCh	34, 115.700, 310.352
Yxy	8.0877, 0.1888, 0.0814
Android (android.graphics.Color)	4284612834 (0xFF6200E2)
YUV	55.0660, 84.2705, 37.6531
Hunter-Lab	28.4388, 68.0098, -131.2920

# Details

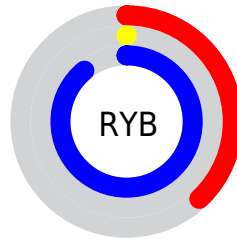
The Hex color **6200E2** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **80E200**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A24BFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **6200E2**, and if you desaturate by 10%, it is **6F17E2**.

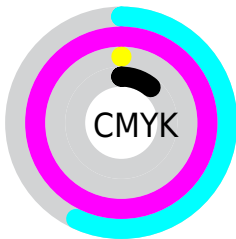
# Distribution



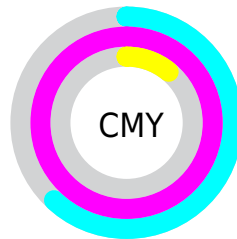
- Red (38%)
- Green (0%)
- Blue (89%)



- Red (38%)
- Yellow (0%)
- Blue (89%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (100%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6200E2 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 6200E2 by changing the saturation by 10% instead.



 6200E2

 6200E2

FFFFFF

 3E00C5

 A24BFF

 0000A9

 C268FF

 00008D

 E183FF

 000073

 FFA0FF

 000859

 FFBCFF

 000740

 FFD9FF

 000329

 FFF7FF

 000114

 000000

 6200E2

 6F17E2

 7C2DE2

 8844E2

 955AE2

 A271E2

 AF88E2

 BC9EE2

 C8B5E2

 D5CBE2

# Harmonies

## Analogous

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



0059FF



6200E2



CA0091

# Triad

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



6200E2



913000



006C70

# Complementary

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



6200E2



80E200

# 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



6200E2



455800

# Square

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



6200E2



C70000



006500



006FCA

# Rectangle

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



6200E2



DE0055



006500



006B50



# Sweetspot

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



6200E2



D4B3FF



0080E2



665280



000000



808080



# Same Dimension

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



6200E2



6F00FF



D300E2



6A6570



4C00B0



150030



# Inverse Universe

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



E20080



FF0090



0FE200



70656B



B00064

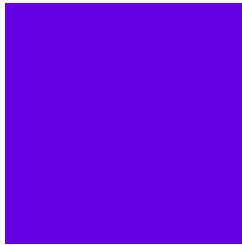


30001B



# Previews

## White Background



This preview shows how the Hex color 6200E2 looks on a white background.

## Color Contrast Check

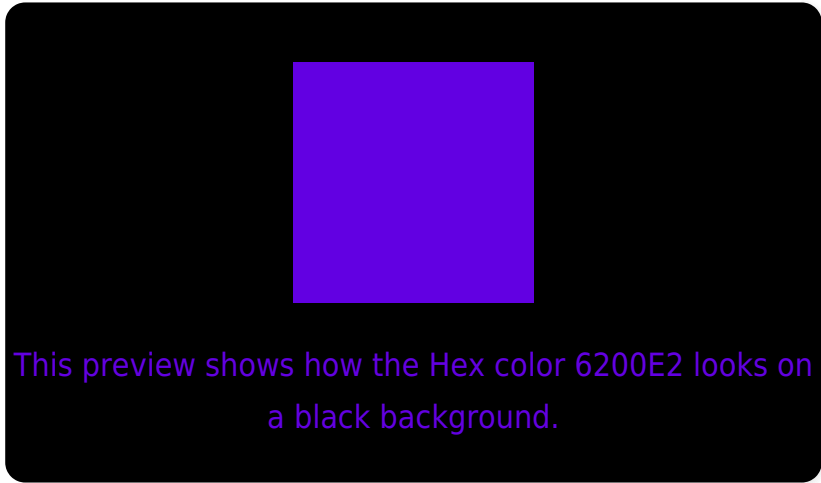
Large Text (above 18pt) WCAG AA ✓ Pass

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

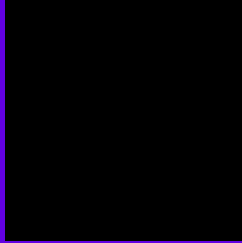
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6200E2 Background



This preview shows how black text looks on a background with the Hex color 6200E2.



This preview shows how white text looks on a background with the Hex color 6200E2.

# 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](#).

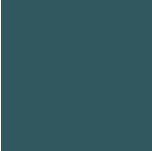
## Dichromacy



**Original Color**  
6200E2

**Protanopia**  
004FA6

**Deuteranopia**  
00548E



**Tritanopia**  
31585F

# Trichromacy



**Original Color**  
6200E2

**Protanomaly**  
2432BC

**Deuteranomaly**  
2435AD

**Tritanomaly**  
43388F

# Monochromacy



**Original Color**  
6200E2

**Achromatopsia**  
373737

**Achromatomaly**  
472375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6200E2 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 #6200E2 looks like.

```
.text, #text, p{  
    color:#6200E2  
}
```

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 #6200E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6200E2
}
```

## Border

The CSS property to change the border of an element to Hex 6200E2 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
#6200E2 }
```

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

```
.border{ border-color:#6200E2 }
```

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

Here you see how a box with a 4 pixel #6200E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6200E2; -webkit-box-shadow:4px 4px  
4px 4px #6200E2; box-shadow:4px 4px 4px  
4px #6200E2 }
```

# Background

The CSS property to change the background color of an element to Hex 6200E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6200E2 }
```

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

```
.background{ background-color:#6200E2 }
```

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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