

# Converting Colors

Hex(6511E2)

Have a look what the booklet for  
Hex(6511E2) contains.

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**Color**

**Hex(6511E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6511E2
RGB	101, 17, 226
RGB Percent	40%, 7%, 89%
CMY	0.6039, 0.9333, 0.1137
CMYK	0.55, 0.92, 0.00, 0.11
HSL	264°, 86%, 48%
HSV	264°, 92%, 89%
XYZ	19.2947, 8.6586, 72.6058
YIQ	65.9420, -17.0250, 82.8070

# Conversions

## Conversions Part 2

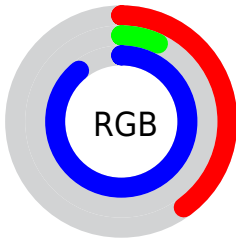
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	101, 17, 226
Decimal	6623714
CIE Lab	35.32, 72.66, -86.25
CIE LCh	35, 112.775, 310.111
Yxy	8.6586, 0.1919, 0.0861
Android (android.graphics.Color)	4284813794 (0xFF6511E2)
YUV	65.9420, 78.9086, 30.7459
Hunter-Lab	29.4255, 65.5507, -125.6972

# Details

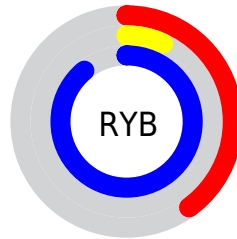
The Hex color **6511E2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8EE211**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A551FF**, and **0A00A9** is the 20% darker color. If you saturate the color by 10%, you get **5B00E2**, and if you desaturate by 10%, it is **7328E2**.

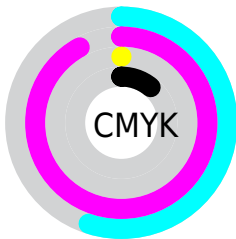
# Distribution



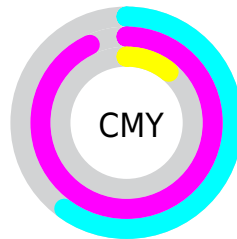
- Red (40%)
- Green (7%)
- Blue (89%)



- Red (40%)
- Yellow (7%)
- Blue (89%)



- Cyan (55%)
- Magenta (92%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (93%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6511E2 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 6511E2 by changing the saturation by 10% instead.



6511E2

6511E2

FFFFFF

4200C5

A551FF

0A00A9

C46DFF

00008E

E389FF

000073

FFA5FF

000659

FFC2FF

000741

FFDFFF

00032A

FFFCFF

000114

000000

■ 6511E2

■ 6511E2

■ 5B00E2

■ 7328E2

■ 803EE2

■ 8E55E2

■ 9B6BE2

■ A982E2

■ B699E2

■ C4AFE2

■ D1C6E2

■ DFDCE2

# Harmonies

## Analogous

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



005BFF



6511E2



CA0093

# Triad

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



6511E2



943300



006F71

# Complementary

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



6511E2



8EE211

# 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.



006D04



6511E2



4A5A00

# Square

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



6511E2



C90000



006800



0072C9

# Rectangle

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



6511E2



DF0058



006800



006E51



# Sweetspot

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



6511E2



D4B8FF



118EE2



665480



000000



808080



# Same Dimension

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



6511E2



6600FF



CD11E2



696570



4700B0



130030



# Inverse Universe

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



E2118E



FF0099



26E211



70656C



B00069

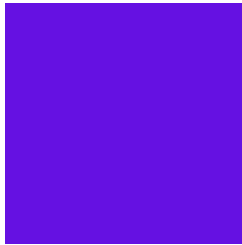


30001D



# Previews

## White Background



This preview shows how the Hex color 6511E2 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 6511E2 Background



This preview shows how black text looks on a background with the Hex color 6511E2.

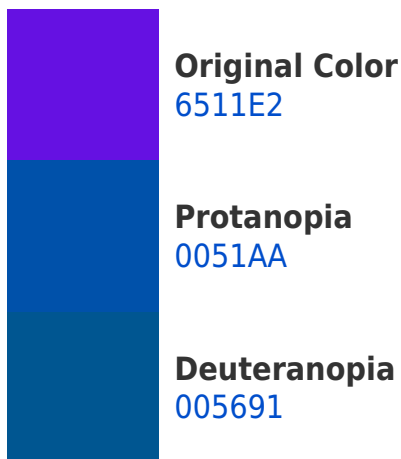



This preview shows how white text looks on a background with the Hex color 6511E2.

# 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**  
375960

# Trichromacy



**Original Color**  
6511E2



**Protanomaly**  
253ABE



**Deuteranomaly**  
253DAE



**Tritanomaly**  
483F8F

# Monochromacy



**Original Color**  
6511E2



**Achromatopsia**  
424242



**Achromatomaly**  
4F307C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6511E2 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 #6511E2 looks like.

```
.text, #text, p{  
    color:#6511E2  
}
```

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 #6511E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6511E2
}
```

## Border

The CSS property to change the border of an element to Hex 6511E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

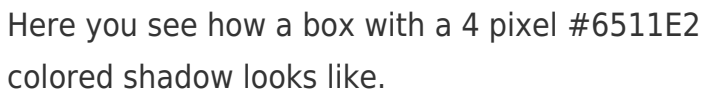
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6511E2 }
```

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

```
.border{ border-color:#6511E2 }
```

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



Here you see how a box with a 4 pixel #6511E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6511E2; -webkit-box-shadow:4px 4px  
4px 4px #6511E2; box-shadow:4px 4px 4px  
4px #6511E2 }
```

# Background

The CSS property to change the background color of an element to Hex 6511E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6511E2 }
```

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

```
.background{ background-color:#6511E2 }
```

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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