

# Converting Colors

Hex(6527CA)

Have a look what the booklet for  
Hex(6527CA) contains.

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**Color**

**Hex(6527CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6527CA
RGB	101, 39, 202
RGB Percent	40%, 15%, 79%
CMY	0.6039, 0.8471, 0.2078
CMYK	0.50, 0.81, 0.00, 0.21
HSL	263°, 68%, 47%
HSV	263°, 81%, 79%
XYZ	16.7530, 8.4820, 56.6313
YIQ	76.1200, -15.3710, 63.8370

# Conversions

## Conversions Part 2

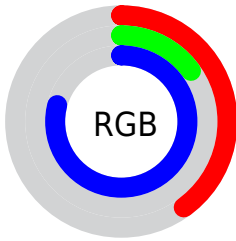
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 39, 202
Decimal	6629322
CIE <sub>Lab</sub>	34.97, 60.66, -72.97
CIE <sub>LCh</sub>	35, 94.885, 309.736
Yxy	8.4820, 0.2046, 0.1036
Android (android.graphics.Color)	4284819402 (0xFF6527CA)
YUV	76.1200, 62.0588, 21.8198
Hunter-Lab	29.1239, 51.7123, -94.9025

# Details

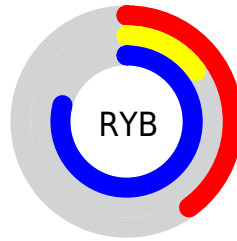
The Hex color **6527CA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8CCA27**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A15DFF**, and **200092** is the 20% darker color. If you saturate the color by 10%, you get **5813CA**, and if you desaturate by 10%, it is **723BCA**.

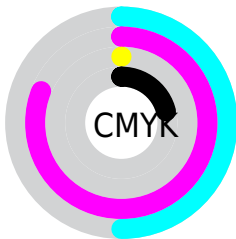
# Distribution



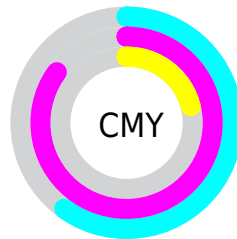
- Red (40%)
- Green (15%)
- Blue (79%)



- Red (40%)
- Yellow (15%)
- Blue (79%)



- Cyan (50%)
- Magenta (81%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (85%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6527CA 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 6527CA by changing the saturation by 10% instead.



 6527CA

 6527CA

FFFFFF

 4503AE

 A15DFF

 200092

 BF77FF

 000078

 DD92FF

 00005E

 FBAEFF

 000845

 FFCAFF

 00042E

 FFE7FF

 000118

 000000

 6527CA

 6527CA

■ 5813CA

■ 723BCA

■ 4D00CA

■ 7E4FCA

■ 8B64CA

■ 9778CA

■ A48CCA

■ B0A0CA

■ BDB4CA

■ C9C9CA

■ D6DDCA

# Harmonies

## Analogous

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



0057ED



6527CA



B70089

# Triad

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



6527CA



8D3900



006C6A

# Complementary

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



6527CA



8CCA27

# 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.



006A15



6527CA



4F5800

# Square

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



6527CA



B90000



006500



006DB4

# Rectangle

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



6527CA



CA0057



006500



006C50



# Sweetspot

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



6527CA



D9C2FF



278ECA



695B80



000000



808080



# Same Dimension

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



6527CA



6608FF



B427CA



605C66



3F00A6



0F0026



# Inverse Universe

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



CA278C



FF08A1



3DCA27



665C62



A60067

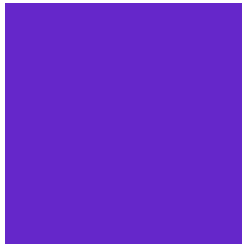


260018



# Previews

## White Background



This preview shows how the Hex color 6527CA 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

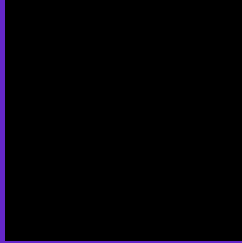
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6527CA Background



This preview shows how black text looks on a background with the Hex color 6527CA.

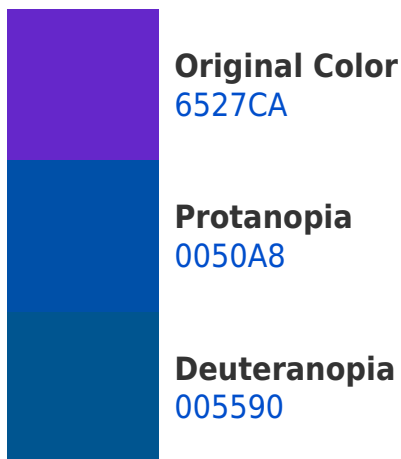


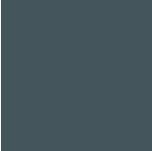
This preview shows how white text looks on a background with the Hex color 6527CA.

# 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**  
45555C

# Trichromacy



**Original Color**  
6527CA



**Protanomaly**  
2541B4



**Deuteranomaly**  
2544A5



**Tritanomaly**  
514484

# Monochromacy



**Original Color**  
6527CA



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
553F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6527CA 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 #6527CA looks like.

```
.text, #text, p{  
    color:#6527CA  
}
```

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 #6527CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6527CA
}
```

## Border

The CSS property to change the border of an element to Hex 6527CA 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
#6527CA }
```

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

```
.border{ border-color:#6527CA }
```

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

Here you see how a box with a 4 pixel #6527CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6527CA; -webkit-box-shadow:4px 4px  
4px 4px #6527CA; box-shadow:4px 4px 4px  
4px #6527CA }
```

# Background

The CSS property to change the background color of an element to Hex 6527CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6527CA }
```

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

```
.background{ background-color:#6527CA }
```

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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