

# Converting Colors

Hex(6236EE)

Have a look what the booklet for  
Hex(6236EE) contains.

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# Color

**Hex(6236EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6236EE
RGB	98, 54, 238
RGB Percent	38%, 21%, 93%
CMY	0.6157, 0.7882, 0.0667
CMYK	0.59, 0.77, 0.00, 0.07
HSL	254°, 84%, 57%
HSV	254°, 77%, 93%
XYZ	21.7888, 11.4081, 81.9425
YIQ	88.1320, -32.8400, 66.5520

# Conversions

## Conversions Part 2

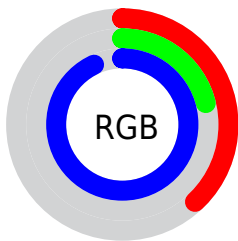
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 54, 238
Decimal	6436590
CIE Lab	40.26, 63.51, -84.92
CIE LCh	40, 106.044, 306.793
Yxy	11.4081, 0.1892, 0.0991
Android (android.graphics.Color)	4284626670 (0xFF6236EE)
YUV	88.1320, 73.8849, 8.6542
Hunter-Lab	33.7758, 56.0428, -120.1987

# Details

The Hex color **6236EE** 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 **C2EE36**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A26BFF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **501EEE**, and if you desaturate by 10%, it is **744EEE**.

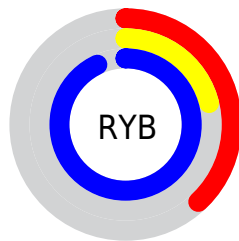
# Distribution



Red (38%)

Green (21%)

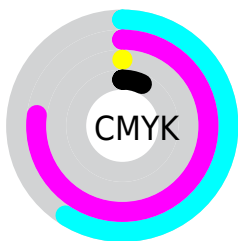
Blue (93%)



Red (38%)

Yellow (21%)

Blue (93%)

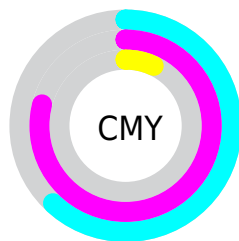


Cyan (59%)

Magenta (77%)

Yellow (0%)

Black (7%)



Cyan (62%)

Magenta (79%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6236EE 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 6236EE by changing the saturation by 10% instead.



 6236EE

 6236EE

FFFFFF

 3D1AD1

 A26BFF

 0000B5

 C185FF

 000099

 E0A1FF

 00007E

 FFBCFF

 000064

 FFD9FF

 00094B

 FFF6FF

 000433

 00021D

 000000

■ 6236EE

■ 6236EE

■ 501EEE

■ 744EEE

■ 3E06EE

■ 8666EE

■ 3900EE

■ 987DEE

■ AA95EE

■ BDADEE

■ CFC5EE

■ E1DDEE

■ F3F4EE

■ FFFFEE

# Harmonies

## Analogous

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



0068FF



6236EE



CD00A5

# Triad

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



6236EE



A83C00



007C72

# Complementary

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



6236EE



C2EE36

# 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.



007907



6236EE



636300

# Square

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



6236EE



D80000



007300



007EC7

# Rectangle

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



6236EE



E6006D



007300



007B53



# Sweetspot

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



6236EE



D2C4FF



36C3EE



645C80



000000



808080



# Same Dimension

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



6236EE



4B12FF



BD36EE



6F6C78



2C00B8



0D0038



# Inverse Universe

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



EE36C2



FF12C6



67EE36



786C75



B8008C

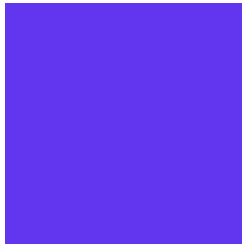


38002B



# Previews

## White Background



This preview shows how the Hex color 6236EE 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

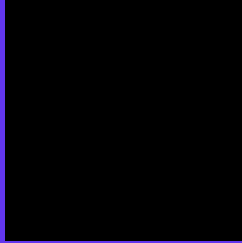
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6236EE Background



This preview shows how black text looks on a background with the Hex color 6236EE.

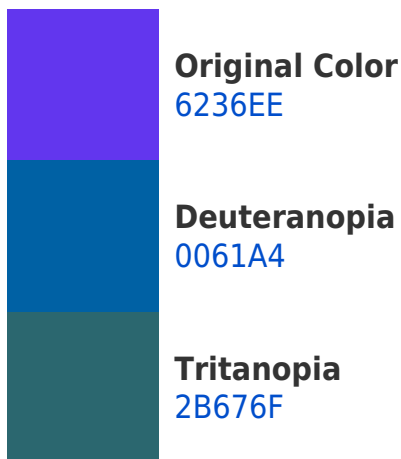


This preview shows how white text looks on a background with the Hex color 6236EE.

# 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



# Trichromacy



**Original Color**  
6236EE



**Deuteranomaly**  
2451BF

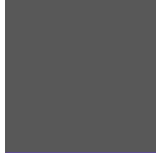


**Tritanomaly**  
3F559D

# Monochromacy



**Original Color**  
6236EE



**Achromatopsia**  
585858



**Achromatomaly**  
5C4C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6236EE 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 #6236EE looks like.

```
.text, #text, p{  
    color:#6236EE  
}
```

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 #6236EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6236EE
}
```

## Border

The CSS property to change the border of an element to Hex 6236EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

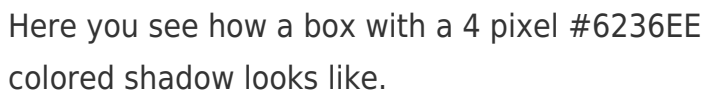
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6236EE }
```

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

```
.border{ border-color:#6236EE }
```

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



Here you see how a box with a 4 pixel #6236EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6236EE; -webkit-box-shadow:4px 4px  
4px 4px #6236EE; box-shadow:4px 4px 4px  
4px #6236EE }
```

# Background

The CSS property to change the background color of an element to Hex 6236EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6236EE }
```

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

```
.background{ background-color:#6236EE }
```

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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