

# Converting Colors

Hex(6236E8)

Have a look what the booklet for  
Hex(6236E8) contains.

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# Color

**Hex(6236E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6236E8
RGB	98, 54, 232
RGB Percent	38%, 21%, 91%
CMY	0.6157, 0.7882, 0.0902
CMYK	0.58, 0.77, 0.00, 0.09
HSL	255°, 79%, 56%
HSV	255°, 77%, 91%
XYZ	20.9217, 11.0612, 77.3763
YIQ	87.4480, -30.9140, 64.6860

# Conversions

## Conversions Part 2

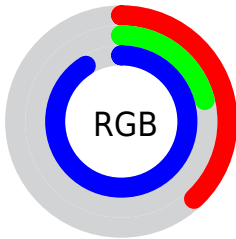
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 54, 232
Decimal	6436584
CIE Lab	39.68, 61.88, -82.47
CIE LCh	40, 103.104, 306.882
Yxy	11.0612, 0.1913, 0.1011
Android (android.graphics.Color)	4284626664 (0xFF6236E8)
YUV	87.4480, 71.2641, 9.2541
Hunter-Lab	33.2584, 54.0858, -114.6585

# Details

The Hex color **6236E8** 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 **BCE836**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A16AFF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **511FE8**, and if you desaturate by 10%, it is **734DE8**.

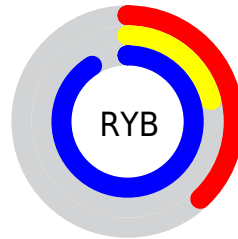
# Distribution



Red (38%)

Green (21%)

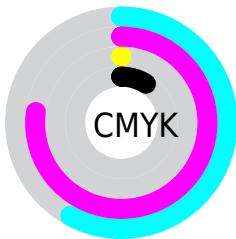
Blue (91%)



Red (38%)

Yellow (21%)

Blue (91%)

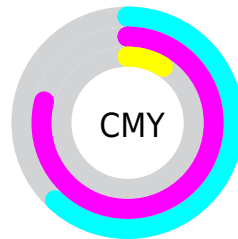


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (79%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6236E8 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 6236E8 by changing the saturation by 10% instead.



 6236E8

 6236E8

FFFFFF

 3E1ACB

 A16AFF

 0000AF

 C085FF

 000093

 DFA0FF

 000079

 FEBCFF

 00015F

 FFD8FF

 000846

 FFF5FF

 00042E

 000119

 000000

■ 6236E8

■ 6236E8

■ 511FE8

■ 734DE8

■ 3F08E8

■ 8564E8

■ 3900E8

■ 967CE8

■ A893E8

■ B9AAE8

■ CBC1E8

■ DCD8E8

■ EEF0E8

■ FFFF E8

# Harmonies

## Analogous

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



0066FF



6236E8



C900A2

# Triad

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



6236E8



A53C00



007A70

# Complementary

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



6236E8



BCE836

# 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.



00770B



6236E8



616100

# Square

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



6236E8



D30000



007100



007CC3

# Rectangle

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



6236E8



E1006A



007100



007952



# Sweetspot

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



6236E8



D3C4FF



36BEE8



655C80



000000



808080



# Same Dimension

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



6236E8



4E14FF



B936E8



6A6773



2C00B3



0D0033



# Inverse Universe

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



E836BC



FF14C5



65E836



736770



B30086

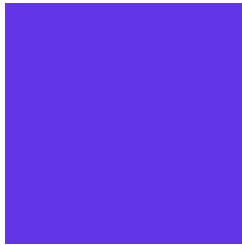


330026



# Previews

## White Background



This preview shows how the Hex color 6236E8 looks on a white background.

## Color Contrast Check

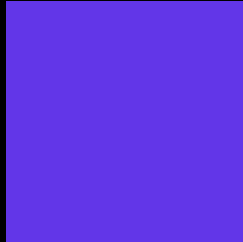
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6236E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

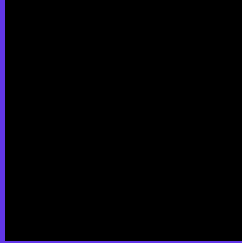
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6236E8 Background



This preview shows how black text looks on a background with the Hex color 6236E8.

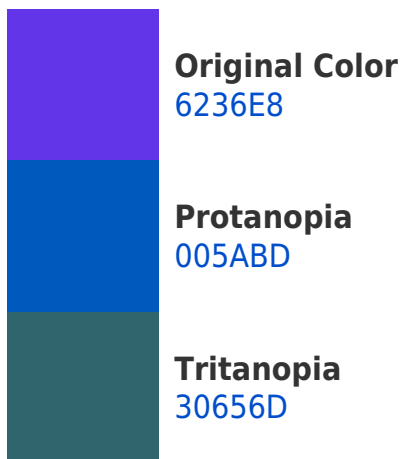


This preview shows how white text looks on a background with the Hex color 6236E8.

# 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**  
6236E8



**Protanomaly**  
244DCD

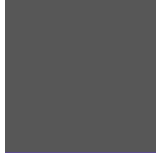


**Tritanomaly**  
42549A

# Monochromacy



**Original Color**  
6236E8



**Achromatopsia**  
575757



**Achromatomaly**  
5B4B8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6236E8 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 #6236E8 looks like.

```
.text, #text, p{  
    color:#6236E8  
}
```

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 #6236E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6236E8
}
```

## Border

The CSS property to change the border of an element to Hex 6236E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

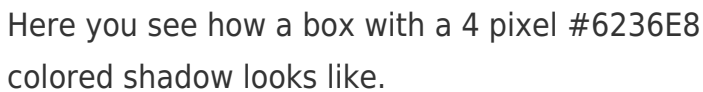
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6236E8 }
```

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

```
.border{ border-color:#6236E8 }
```

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



Here you see how a box with a 4 pixel #6236E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6236E8; -webkit-box-shadow:4px 4px  
4px 4px #6236E8; box-shadow:4px 4px 4px  
4px #6236E8 }
```

# Background

The CSS property to change the background color of an element to Hex 6236E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6236E8 }
```

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

```
.background{ background-color:#6236E8 }
```

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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