

# Converting Colors

Hex(6336EA)

Have a look what the booklet for  
Hex(6336EA) contains.

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# Color

**Hex(6336EA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6336EA
RGB	99, 54, 234
RGB Percent	39%, 21%, 92%
CMY	0.6118, 0.7882, 0.0824
CMYK	0.58, 0.77, 0.00, 0.08
HSL	255°, 81%, 56%
HSV	255°, 77%, 92%
XYZ	21.3160, 11.2315, 78.8863
YIQ	87.9750, -30.9600, 65.5200

# Conversions

## Conversions Part 2

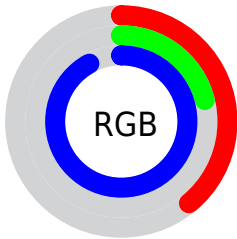
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 54, 234
Decimal	6502122
CIE <sub>Lab</sub>	39.97, 62.54, -83.13
CIE <sub>LCh</sub>	40, 104.031, 306.954
Yxy	11.2315, 0.1913, 0.1008
Android (android.graphics.Color)	4284692202 (0xFF6336EA)
YUV	87.9750, 71.9903, 9.6689
Hunter-Lab	33.5134, 54.8855, -116.1017

# Details

The Hex color **6336EA** 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 **BDEA36**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A26AFF**, and **0100B1** is the 20% darker color. If you saturate the color by 10%, you get **511FEA**, and if you desaturate by 10%, it is **754DEA**.

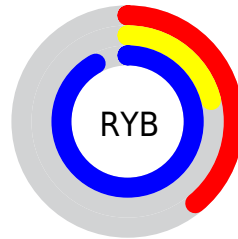
# Distribution



Red (39%)

Green (21%)

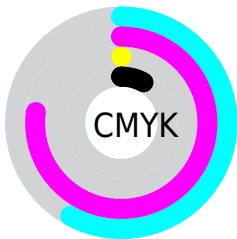
Blue (92%)



Red (39%)

Yellow (21%)

Blue (92%)

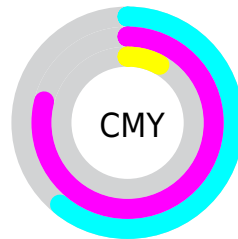


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (79%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6336EA 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 6336EA by changing the saturation by 10% instead.



 6336EA

 6336EA

FFFFFF

 3F1ACD

 A26AFF

 0100B1

 C185FF

 000095

 E0A0FF

 00007A

 FFBCFF

 000060

 FFD9FF

 000847

 FFF6FF

 000430

 00011A

 000000

■ 6336EA

■ 6336EA

■ 511FEA

■ 754DEA

■ 4007EA

■ 8665EA

■ 3B00EA

■ 987CEA

■ A994EA

■ BBABEA

■ CCC2EA

■ DEDAEA

■ EFF1EA

■ FFFFEA

# Harmonies

## Analogous

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



0067FF



6336EA



CB00A3

# Triad

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



6336EA



A63C00



007B71

# Complementary

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



6336EA



BDEA36

# 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.



00780B



6336EA



626200

# Square

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



6336EA



D50000



007200



007DC5

# Rectangle

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



6336EA



E3006B



007200



007A53



# Sweetspot

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



6336EA



D3C4FF



36BDEA



655C80



000000



808080



# Same Dimension

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



6336EA



4F14FF



BD36EA



6D6A75



2D00B5



0D0036



# Inverse Universe

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



EA36BD



FF14C4



63EA36



756A72



B50088

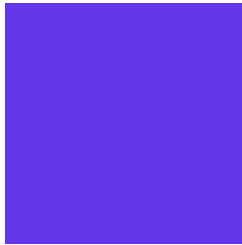


360028



# Previews

## White Background



This preview shows how the Hex color 6336EA looks on a white background.

## Color Contrast Check

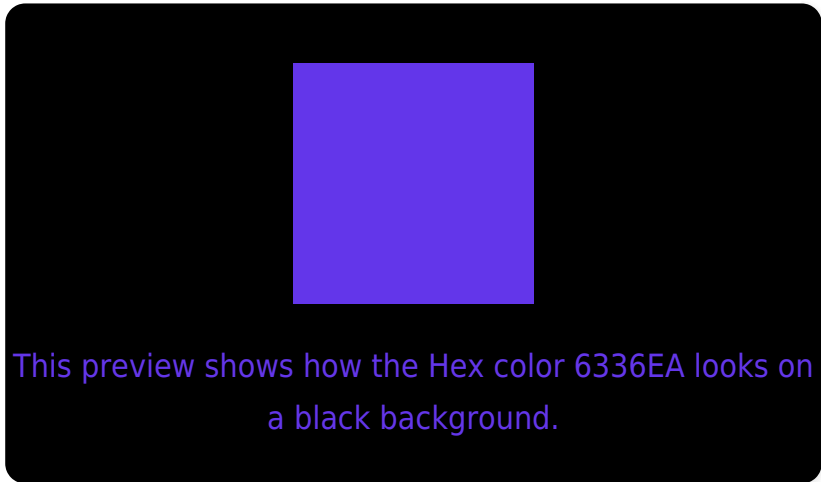
Large Text (above 18pt) WCAG AA ✓ Pass

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

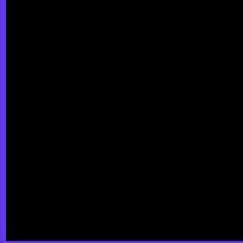
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6336EA Background



This preview shows how black text looks on a background with the Hex color 6336EA.

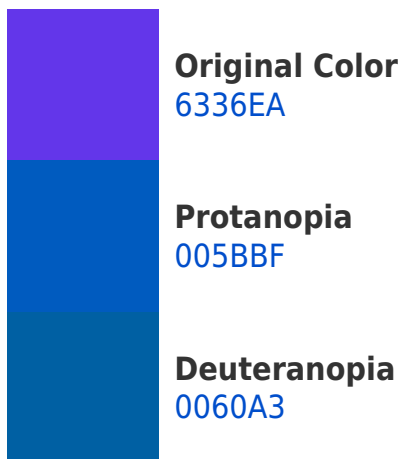



This preview shows how white text looks on a background with the Hex color 6336EA.

# 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](#).

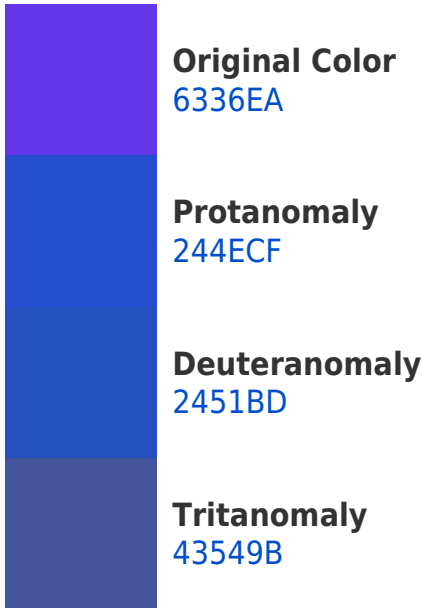
## Dichromacy



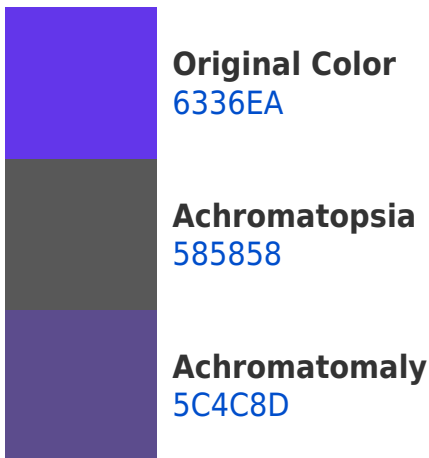


**Tritanopia**  
31656E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6336EA 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 #6336EA looks like.

```
.text, #text, p{  
    color:#6336EA  
}
```

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 #6336EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6336EA
}
```

## Border

The CSS property to change the border of an element to Hex 6336EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

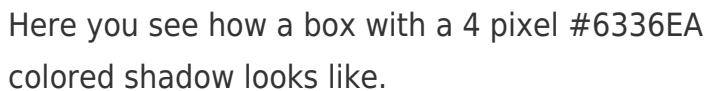
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6336EA }
```

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

```
.border{ border-color:#6336EA }
```

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



Here you see how a box with a 4 pixel #6336EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6336EA; -webkit-box-shadow:4px 4px  
4px 4px #6336EA; box-shadow:4px 4px 4px  
4px #6336EA }
```

# Background

The CSS property to change the background color of an element to Hex 6336EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6336EA }
```

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

```
.background{ background-color:#6336EA }
```

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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