

# Converting Colors

Hex(6033ED)

Have a look what the booklet for  
Hex(6033ED) contains.

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# Color

**Hex(6033ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6033ED
RGB	96, 51, 237
RGB Percent	38%, 20%, 93%
CMY	0.6235, 0.8000, 0.0706
CMYK	0.59, 0.78, 0.00, 0.07
HSL	255°, 84%, 56%
HSV	255°, 78%, 93%
XYZ	21.2938, 10.9689, 81.1157
YIQ	85.6590, -32.8860, 67.3860

# Conversions

## Conversions Part 2

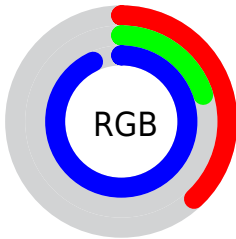
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 51, 237
Decimal	6304749
CIE <sub>Lab</sub>	39.53, 64.33, -85.57
CIE <sub>LCh</sub>	40, 107.052, 306.936
Yxy	10.9689, 0.1878, 0.0967
Android (android.graphics.Color)	4284494829 (0xFF6033ED)
YUV	85.6590, 74.6111, 9.0691
Hunter-Lab	33.1193, 56.8063, -122.0294

# Details

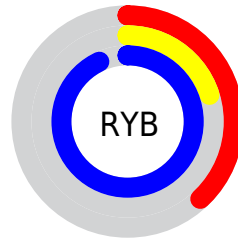
The Hex color **6033ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **C0ED33**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A168FF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **4E1BED**, and if you desaturate by 10%, it is **724BED**.

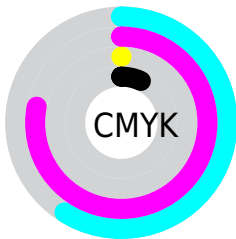
# Distribution



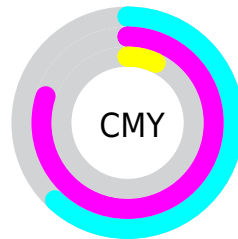
- Red (38%)
- Green (20%)
- Blue (93%)



- Red (38%)
- Yellow (20%)
- Blue (93%)



- Cyan (59%)
- Magenta (78%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (80%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6033ED 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 6033ED by changing the saturation by 10% instead.



 6033ED

 6033ED

FFFFFF

 3B16D0

 A168FF

 0000B4

 C083FF

 000098

 DF9EFF

 00007D

 FEBAFF

 000163

 FFD6FF

 00094A

 FFF3FF

 000432

 00021C

 000000

■ 6033ED

■ 6033ED

■ 4E1BED

■ 724BED

■ 3C04ED

■ 8462ED

■ 3900ED

■ 967AED

■ A892ED

■ BAA9ED

■ CCC1ED

■ DED9ED

■ F0F1ED

■ FFFFED

# Harmonies

## Analogous

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



0066FF



6033ED



CC00A4

# Triad

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



6033ED



A63A00



007A70

# Complementary

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



6033ED



C0ED33

# 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.



007704



6033ED



606100

# Square

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



6033ED



D60000



007100



007CC7

# Rectangle

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



6033ED



E5006A



007100



007952



# Sweetspot

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



6033ED



D1C2FF



33C2ED



635B80



000000



808080



# Same Dimension

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



6033ED



490FFF



BB33ED



6C6A75



2C00B5



0D0036



# Inverse Universe

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



ED33C0



FF0FC5



65ED33



756A72



B50089

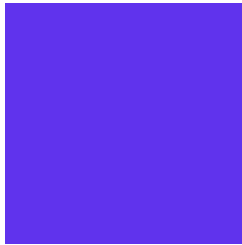


360029



# Previews

## White Background



This preview shows how the Hex color 6033ED looks on a white background.

## Color Contrast Check

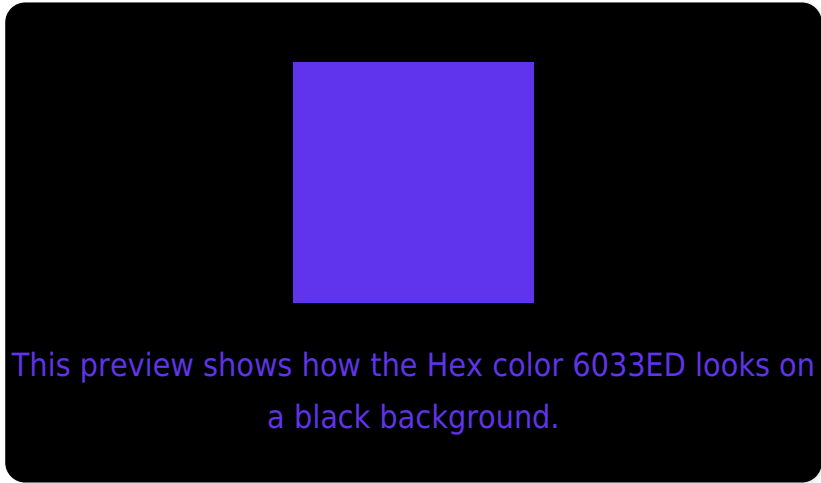
Large Text (above 18pt) WCAG AA ✓ Pass

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

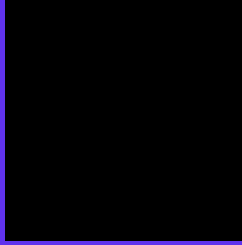
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6033ED Background



This preview shows how black text looks on a background with the Hex color 6033ED.

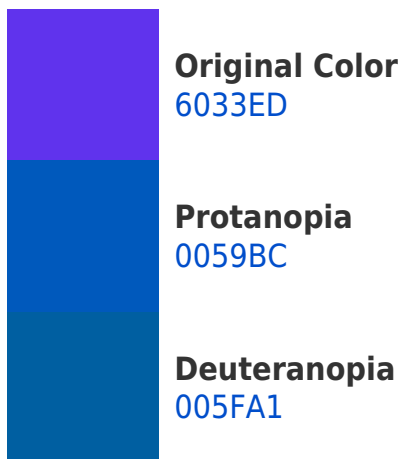


This preview shows how white text looks on a background with the Hex color 6033ED.

# Color Blindness Simulation

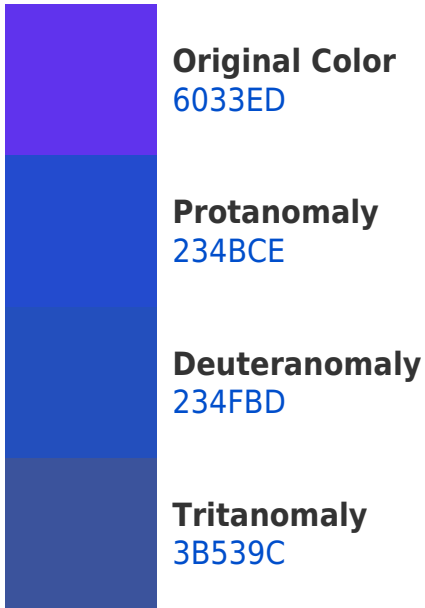
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

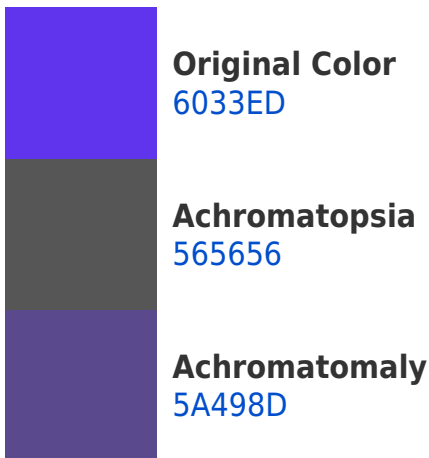




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6033ED 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 #6033ED looks like.

```
.text, #text, p{  
    color:#6033ED  
}
```

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 #6033ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6033ED
}
```

## Border

The CSS property to change the border of an element to Hex 6033ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

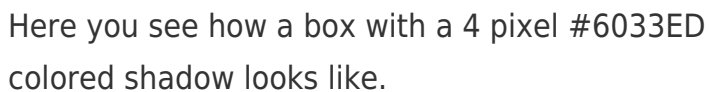
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6033ED }
```

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

```
.border{ border-color:#6033ED }
```

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



Here you see how a box with a 4 pixel #6033ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6033ED; -webkit-box-shadow:4px 4px  
4px 4px #6033ED; box-shadow:4px 4px 4px  
4px #6033ED }
```

# Background

The CSS property to change the background color of an element to Hex 6033ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6033ED }
```

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

```
.background{ background-color:#6033ED }
```

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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