

# Converting Colors

Hex(6130D3)

Have a look what the booklet for  
Hex(6130D3) contains.

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# Color

**Hex(6130D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6130D3
RGB	97, 48, 211
RGB Percent	38%, 19%, 83%
CMY	0.6196, 0.8118, 0.1725
CMYK	0.54, 0.77, 0.00, 0.17
HSL	258°, 65%, 51%
HSV	258°, 77%, 83%
XYZ	17.7446, 9.3584, 62.4991
YIQ	81.2330, -23.1190, 61.0810

# Conversions

## Conversions Part 2

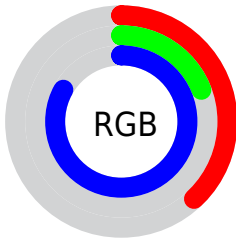
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 48, 211
Decimal	6369491
CIE <sub>Lab</sub>	36.67, 58.76, -75.41
CIE <sub>LCh</sub>	37, 95.602, 307.926
Yxy	9.3584, 0.1980, 0.1044
Android (android.graphics.Color)	4284559571 (0xFF6130D3)
YUV	81.2330, 63.9751, 13.8277
Hunter-Lab	30.5916, 50.0034, -99.7165

# Details

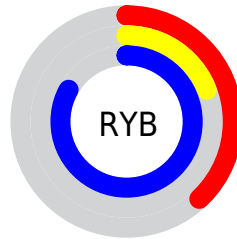
The Hex color **6130D3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A2D330**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9E64FF**, and **13009B** is the 20% darker color. If you saturate the color by 10%, you get **521BD3**, and if you desaturate by 10%, it is **7045D3**.

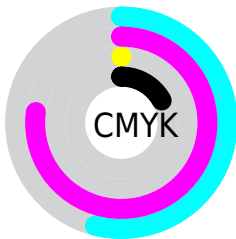
# Distribution



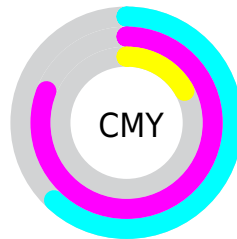
- Red (38%)
- Green (19%)
- Blue (83%)



- Red (38%)
- Yellow (19%)
- Blue (83%)



- Cyan (54%)
- Magenta (77%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (81%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6130D3 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 6130D3 by changing the saturation by 10% instead.



 6130D3

 6130D3

FFFFFF

 4013B7

 9E64FF

 13009B

 BC7FFF

 000080

 DA9AFF

 000066

 F9B5FF

 00094D

 FFD1FF

 000535

 FFEEFF

 00021F

 000002

 000000

■ 6130D3

■ 6130D3

■ 521BD3

■ 7045D3

■ 4306D3

■ 7F5AD3

■ 3F00D3

■ 8D6FD3

■ 9C84D3

■ AB9AD3

■ BAAFD3

■ C8C4D3

■ D7D9D3

■ E6EED3

# Harmonies

## Analogous

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



005DF4



6130D3



BA0092

# Triad

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



6130D3



963A00



00716A

# Complementary

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



6130D3



A2D330

# 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.



006E11



6130D3



585B00

# Square

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



6130D3



C10000



006900



0072B5

# Rectangle

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



6130D3



CF005F



006900



00704F



# Sweetspot

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



6130D3



D6C4FF



30A2D3



675C80



000000



808080



# Same Dimension

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



6130D3



5912FF



B230D3



615E69



3300A8



0C0029



# Inverse Universe

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



D330A2



FF12B8



51D330



695E65



A80076

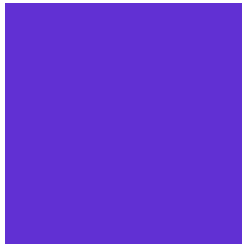


29001D



# Previews

## White Background



This preview shows how the Hex color 6130D3 looks on a white background.

## Color Contrast Check

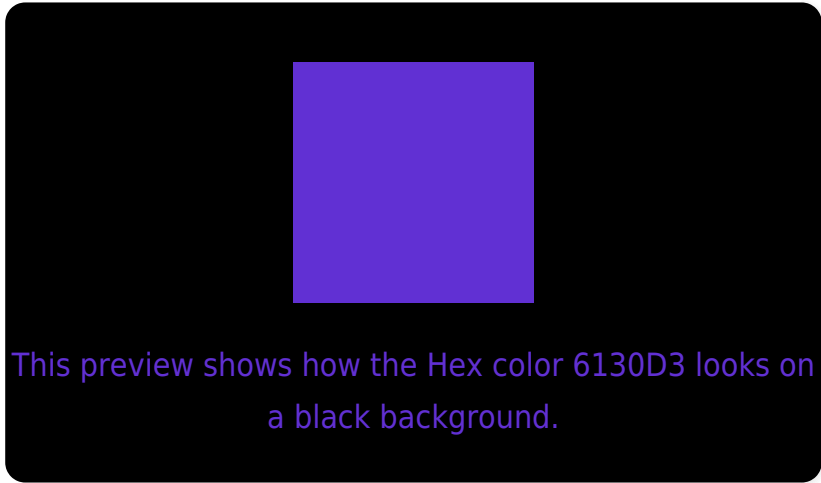
Large Text (above 18pt) WCAG AA ✓ Pass

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

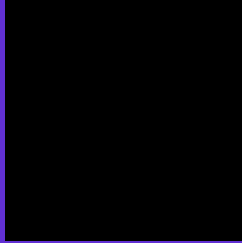
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6130D3 Background



This preview shows how black text looks on a background with the Hex color 6130D3.

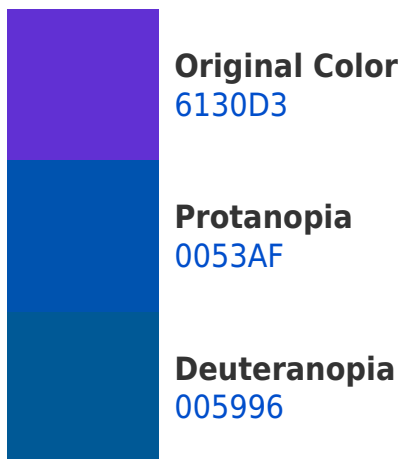



This preview shows how white text looks on a background with the Hex color 6130D3.

# 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](#).

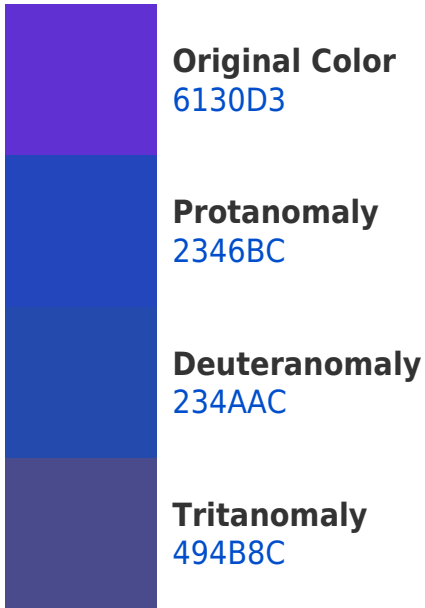
## Dichromacy



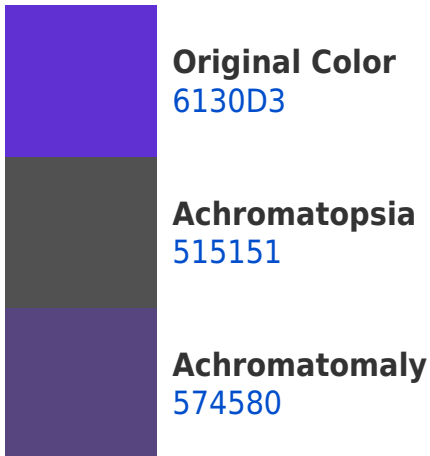


**Tritanopia**  
3B5B63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6130D3 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 #6130D3 looks like.

```
.text, #text, p{  
    color:#6130D3  
}
```

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 #6130D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6130D3
}
```

## Border

The CSS property to change the border of an element to Hex 6130D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

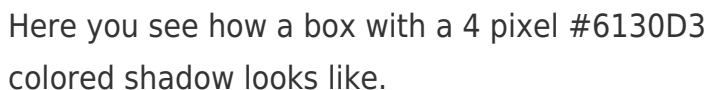
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6130D3 }
```

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

```
.border{ border-color:#6130D3 }
```

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



Here you see how a box with a 4 pixel #6130D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6130D3; -webkit-box-shadow:4px 4px  
4px 4px #6130D3; box-shadow:4px 4px 4px  
4px #6130D3 }
```

# Background

The CSS property to change the background color of an element to Hex 6130D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6130D3 }
```

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

```
.background{ background-color:#6130D3 }
```

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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