

# Converting Colors

Hex(6370D9)

Have a look what the booklet for  
Hex(6370D9) contains.

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# Color

**Hex(6370D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6370D9
RGB	99, 112, 217
RGB Percent	39%, 44%, 85%
CMY	0.6118, 0.5608, 0.1490
CMYK	0.54, 0.48, 0.00, 0.15
HSL	233°, 61%, 62%
HSV	233°, 54%, 85%
XYZ	23.4641, 19.2507, 68.1247
YIQ	120.0830, -41.4530, 29.8990

# Conversions

## Conversions Part 2

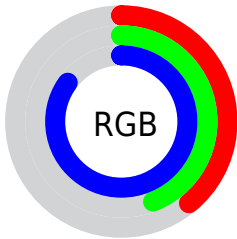
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 111, 217
Decimal	6516953
CIE Lab	50.98, 24.96, -55.58
CIE LCh	51, 60.923, 294.182
Yxy	19.2507, 0.2117, 0.1737
Android (android.graphics.Color)	4284707033 (0xFF6370D9)
YUV	120.0830, 47.7801, -18.4898
Hunter-Lab	43.8757, 18.6771, -61.3452

# Details

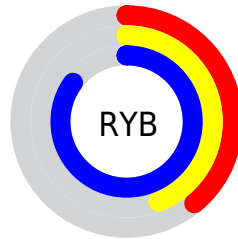
The Hex color **6370D9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D9CC63**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9DA4FF**, and **2141A1** is the 20% darker color. If you saturate the color by 10%, you get **4D5DD9**, and if you desaturate by 10%, it is **7983D9**.

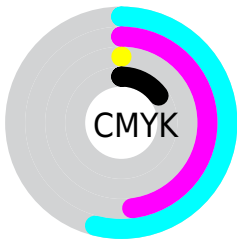
# Distribution



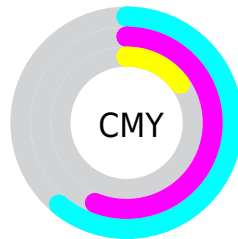
- Red (39%)
- Green (44%)
- Blue (85%)



- Red (39%)
- Yellow (44%)
- Blue (85%)



- Cyan (54%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (61%)
- Magenta (56%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6370D9 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 6370D9 by changing the saturation by 10% instead.



■ 6370D9

■ 6370D9

FFFFFF

■ 4558BD

■ 9DA4FF

■ 2141A1

■ BABFFF

■ 002B87

■ D8DAFF

■ 00186D

■ F6F7FF

■ 000054

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 6370D9

■ 6370D9

■ 4D5DD9

■ 7983D9

■ 3849D9

■ 8E97D9

■ 2236D9

■ A4AAD9

■ 0C23D9

■ BABDD9

■ 0018D9

■ D0D1D9

■ E5E4D9

■ FBF7D9

■ FFFFD9

# Harmonies

## Analogous

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



0083E1



6370D9



AE57B7

# Triad

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



6370D9



C05E23



00916D

# Complementary

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



6370D9



D9CC63

# 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.



148C38



6370D9



9A7400

# Square

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



6370D9



D44852



698300



0091A3

# Rectangle

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



6370D9



C84897



698300



00905B



# Sweetspot

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



6370D9



D6DBFF



63D9CB



676A80



000000



808080



# Same Dimension

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



6370D9



596CFF



9063D9



63646E



0013AD



00052E



# Inverse Universe

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



D96370



FF596C



ACD963



6E6364



AD0013

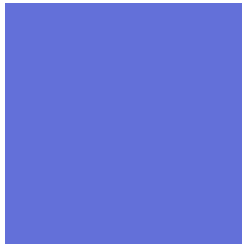


2E0005



# Previews

## White Background



This preview shows how the Hex color 6370D9 looks on a white background.

## Color Contrast Check

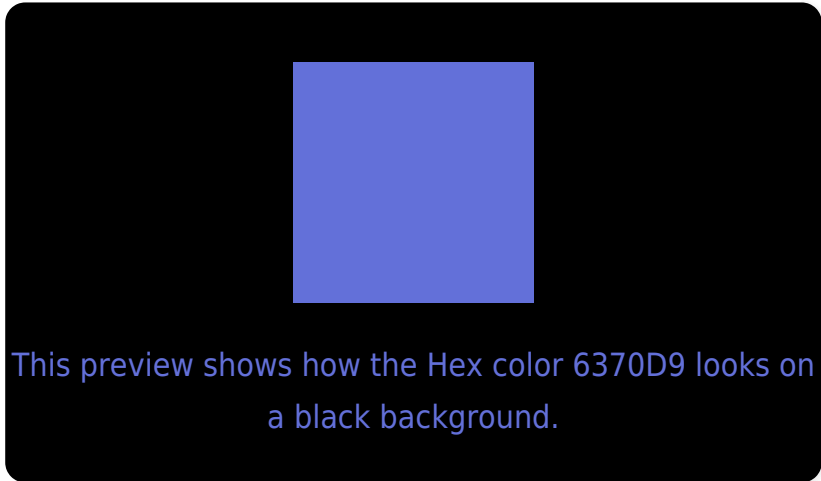
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

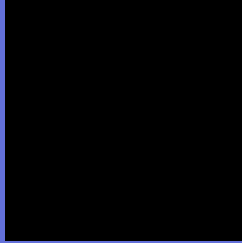
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6370D9 Background



This preview shows how black text looks on a background with the Hex color 6370D9.

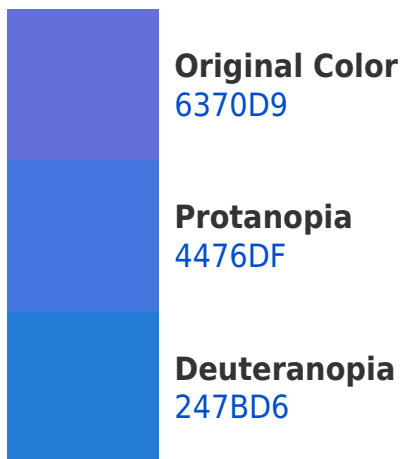



This preview shows how white text looks on a background with the Hex color 6370D9.

# 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](#).

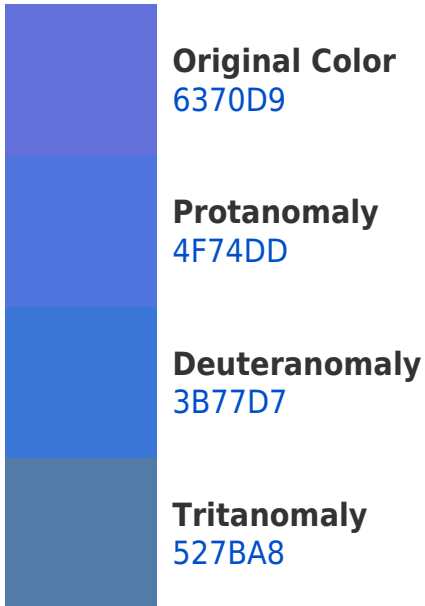
## Dichromacy





**Tritanopia**  
48828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6370D9 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 #6370D9 looks like.

```
.text, #text, p{  
    color:#6370D9  
}
```

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 #6370D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6370D9
}
```

## Border

The CSS property to change the border of an element to Hex 6370D9 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
#6370D9 }
```

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

```
.border{ border-color:#6370D9 }
```

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

Here you see how a box with a 4 pixel #6370D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6370D9; -webkit-box-shadow:4px 4px  
4px 4px #6370D9; box-shadow:4px 4px 4px  
4px #6370D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6370D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6370D9 }
```

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

```
.background{ background-color:#6370D9 }
```

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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