

Converting Colors

Hex(6330CF)

Have a look what the booklet for
Hex(6330CF) contains.

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Color

Hex(6330CF)

Conversions

Conversions Part 1

Format	Color
Hex	6330CF
RGB	99, 48, 207
RGB Percent	39%, 19%, 81%
CMY	0.6118, 0.8118, 0.1882
CMYK	0.52, 0.77, 0.00, 0.19
HSL	259°, 62%, 50%
HSV	259°, 77%, 81%
XYZ	17.4650, 9.2715, 59.9006
YIQ	81.3750, -20.6430, 60.2610

Conversions

Conversions Part 2

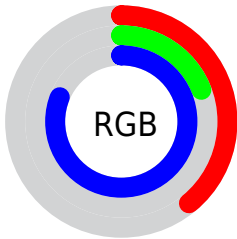
Format	Color
R _Y B	99, 48, 207
Decimal	6500559
CIE Lab	36.50, 57.96, -73.36
CIE LCh	37, 93.490, 308.311
Yxy	9.2715, 0.2016, 0.1070
Android (android.graphics.Color)	4284690639 (0xFF6330CF)
YUV	81.3750, 61.9331, 15.4571
Hunter-Lab	30.4492, 49.0977, -95.3225

Details

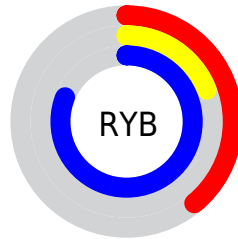
The Hex color **6330CF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9CCF30**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9F64FF**, and **1A0097** is the 20% darker color. If you saturate the color by 10%, you get **551BCF**, and if you desaturate by 10%, it is **7145CF**.

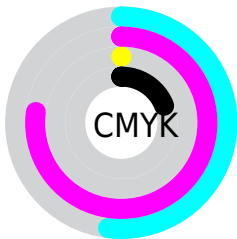
Distribution



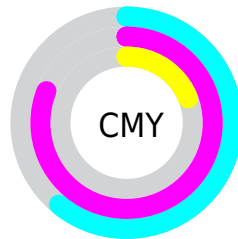
- Red (39%)
- Green (19%)
- Blue (81%)



- Red (39%)
- Yellow (19%)
- Blue (81%)



- Cyan (52%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6330CF 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 6330CF by changing the saturation by 10% instead.

6330CF

6330CF

FFFFFF

4314B3

9F64FF

1A0097

BD7EFF

00007C

DB99FF

000063

FAB5FF

000949

FFD1FF

000432

FFEEFF

00011C

000000

6330CF

6330CF

■ 551BCF

■ 7145CF

■ 4707CF

■ 7F59CF

■ 4200CF

■ 8D6ECF

■ 9B83CF

■ A998CF

■ B7ACCF

■ C5C1CF

■ D3D6CF

■ E2EACF

Harmonies

Analogous

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



005CF0



6330CF



B8008F

Triad

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



6330CF



943B00



00706A

Complementary

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



6330CF



9CCF30

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.



006E15



6330CF



575A00

Square

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



6330CF



BF0000



006800



0071B3

Rectangle

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



6330CF



CD005E



006800



006F50

Sweetspot

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



6330CF



D7C4FF



309DCF



675C80



000000



808080

Same Dimension

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



6330CF



6014FF



B230CF



615E69



3600A8



0D0029

Inverse Universe

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



CF309C



FF14B4



4DCF30



695E65



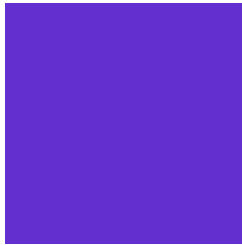
A80072



29001C

Previews

White Background



This preview shows how the Hex color 6330CF 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

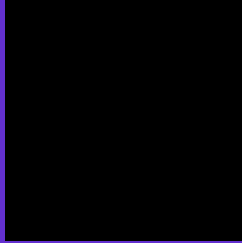
Any Text WCAG AA × Fail

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 6330CF Background



This preview shows how black text looks on a background with the Hex color 6330CF.

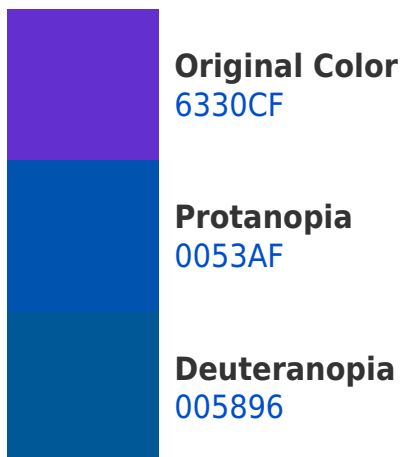



This preview shows how white text looks on a background with the Hex color 6330CF.

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
415A61

Trichromacy



Original Color
6330CF



Protanomaly
2446BB



Deuteranomaly
2449AB



Tritanomaly
4D4B89

Monochromacy



Original Color
6330CF



Achromatopsia
515151



Achromatomaly
58457F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6330CF 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 #6330CF looks like.

```
.text, #text, p{  
    color:#6330CF  
}
```

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 #6330CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6330CF
}
```

Border

The CSS property to change the border of an element to Hex 6330CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

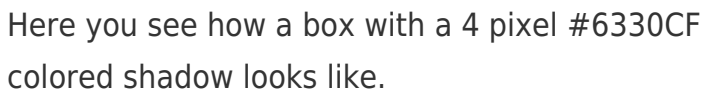
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6330CF }
```

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

```
.border{ border-color:#6330CF }
```

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



Here you see how a box with a 4 pixel #6330CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6330CF; -webkit-box-shadow:4px 4px  
4px 4px #6330CF; box-shadow:4px 4px 4px  
4px #6330CF }
```

Background

The CSS property to change the background color of an element to Hex 6330CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6330CF }
```

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

```
.background{ background-color:#6330CF }
```

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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