

Converting Colors

Hex(6355CD)

Have a look what the booklet for
Hex(6355CD) contains.

Hex(6355CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6355CD)

Conversions

Conversions Part 1

Format	Color
Hex	6355CD
RGB	99, 85, 205
RGB Percent	39%, 33%, 80%
CMY	0.6118, 0.6667, 0.1961
CMYK	0.52, 0.59, 0.00, 0.20
HSL	247°, 55%, 57%
HSV	247°, 59%, 80%
XYZ	19.4135, 13.5574, 59.3512
YIQ	102.8660, -30.1760, 40.2880

Conversions

Conversions Part 2

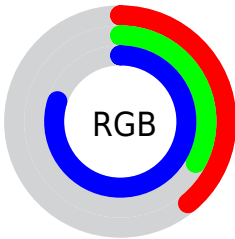
Format	Color
R_{YB}	99, 85, 205
Decimal	6510029
CIE _{Lab}	43.59, 37.60, -60.63
CIE _{LCh}	44, 71.344, 301.805
Yxy	13.5574, 0.2103, 0.1468
Android (android.graphics.Color)	4284700109 (0xFF6355CD)
YUV	102.8660, 50.3521, -3.3905
Hunter-Lab	36.8204, 29.6783, -69.7960

Details

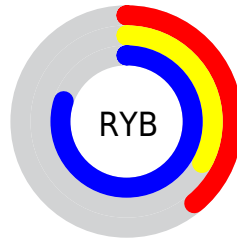
The Hex color **6355CD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **BFCD55**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9D87FF**, and **222796** is the 20% darker color. If you saturate the color by 10%, you get **5141CD**, and if you desaturate by 10%, it is **7569CD**.

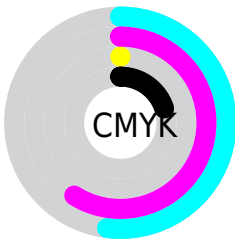
Distribution



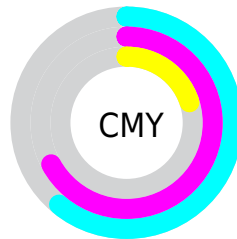
- Red (39%)
- Green (33%)
- Blue (80%)



- Red (39%)
- Yellow (33%)
- Blue (80%)



- Cyan (52%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6355CD 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 6355CD by changing the saturation by 10% instead.

6355CD

6355CD

FFFFFF

453DB1

9D87FF

222796

BAA2FF

00117B

D8BDFF

000062

F5D9FF

000149

FFF5FF

000431

00011B

000000

6355CD

6355CD

■ 5141CD

■ 7569CD

■ 3F2CCD

■ 877ECD

■ 2D17CD

■ 9993CD

■ 1B03CD

■ ABA7CD

■ 1800CD

■ BEBBCD

■ D0D0CD

■ E2E4CD

■ F4F9CD

■ FFFFCD

Harmonies

Analogous

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



006EDF



6355CD



AE2EA0

Triad

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



6355CD



A84D00



007F69

Complementary

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



6355CD



BFCD55

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.



007C2A



6355CD



7B6600

Square

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



6355CD



C5272C



3D7500



0080A4

Rectangle

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



6355CD



C50C7A



3D7500



007F54

Sweetspot

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



6355CD



D6D1FF



55BFCD



676380



000000



808080

Same Dimension

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



6355CD



614DFF



9F55CD



5D5C66



1300A6



040026

Inverse Universe

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



CD55BF



FF4DEA



83CD55



665C65



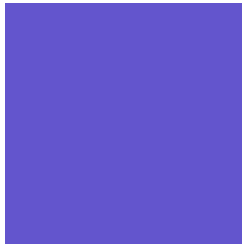
A60092



260022

Previews

White Background



This preview shows how the Hex color 6355CD looks on a white background.

Color Contrast Check

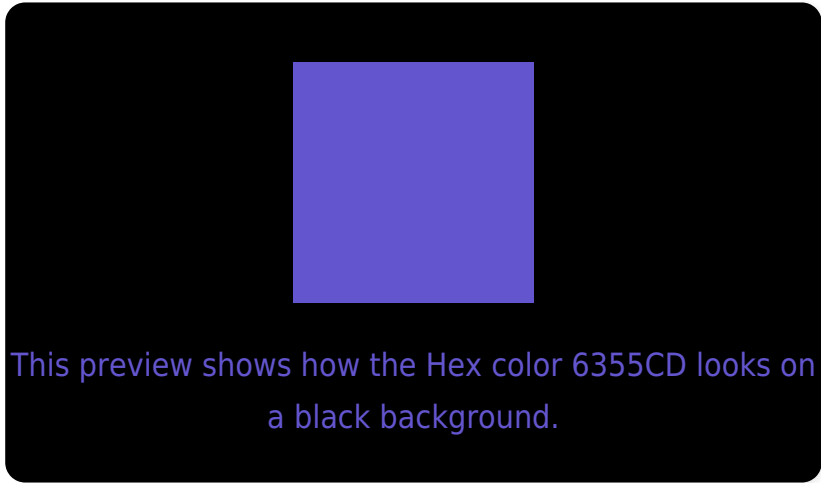
Large Text (above 18pt) WCAG AA ✓ Pass

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

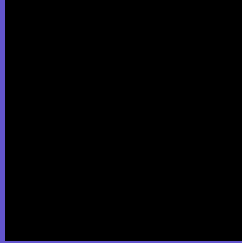
Any Text WCAG AA × Fail

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 6355CD Background



This preview shows how black text looks on a background with the Hex color 6355CD.




This preview shows how white text looks on a background with the Hex color 6355CD.

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](#).

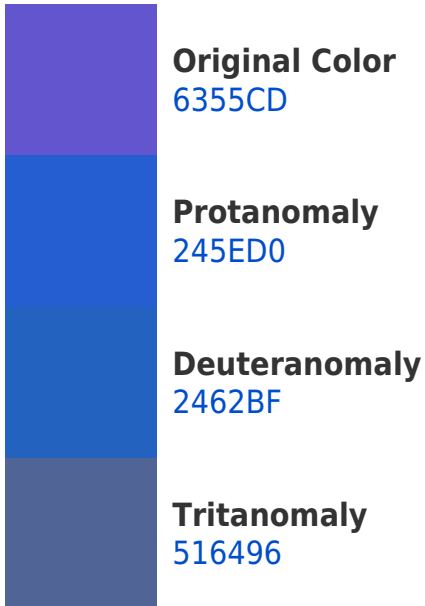
Dichromacy





Tritanopia
476D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6355CD 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 #6355CD looks like.

```
.text, #text, p{  
    color:#6355CD  
}
```

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 #6355CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6355CD
}
```

Border

The CSS property to change the border of an element to Hex 6355CD 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
#6355CD }
```

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

```
.border{ border-color:#6355CD }
```

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

Here you see how a box with a 4 pixel #6355CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6355CD; -webkit-box-shadow:4px 4px  
4px 4px #6355CD; box-shadow:4px 4px 4px  
4px #6355CD }
```

Background

The CSS property to change the background color of an element to Hex 6355CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6355CD }
```

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

```
.background{ background-color:#6355CD }
```

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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