

Converting Colors

Hex(6240DD)

Have a look what the booklet for
Hex(6240DD) contains.

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Color

Hex(6240DD)

Conversions

Conversions Part 1

Format	Color
Hex	6240DD
RGB	98, 64, 221
RGB Percent	38%, 25%, 87%
CMY	0.6157, 0.7490, 0.1333
CMYK	0.56, 0.71, 0.00, 0.13
HSL	253°, 70%, 56%
HSV	253°, 71%, 87%
XYZ	19.9215, 11.4839, 69.5732
YIQ	92.0640, -30.1330, 56.0350

Conversions

Conversions Part 2

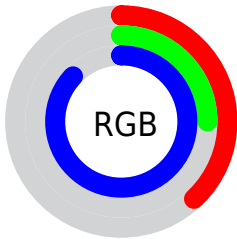
Format	Color
RYB	98, 64, 221
Decimal	6439133
CIELab	40.38, 53.97, -75.05
CIELCh	40, 92.441, 305.722
Yxy	11.4839, 0.1973, 0.1137
Android (android.graphics.Color)	4284629213 (0xFF6240DD)
YUV	92.0640, 63.5654, 5.2059
Hunter-Lab	33.8879, 45.6301, -98.0031

Details

The Hex color **6240DD** 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 **BBDD40**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9F73FF**, and **120CA5** is the 20% darker color. If you saturate the color by 10%, you get **512ADD**, and if you desaturate by 10%, it is **7356DD**.

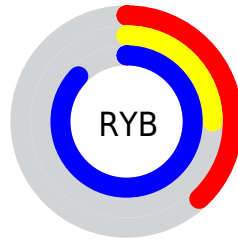
Distribution



Red (38%)

Green (25%)

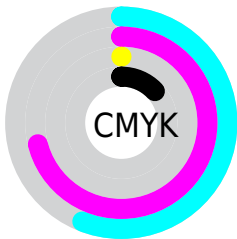
Blue (87%)



Red (38%)

Yellow (25%)

Blue (87%)

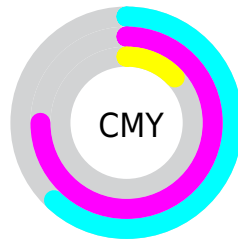


Cyan (56%)

Magenta (71%)

Yellow (0%)

Black (13%)



Cyan (62%)

Magenta (75%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6240DD 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 6240DD by changing the saturation by 10% instead.

 6240DD

 6240DD

FFFFFF

 4127C0


 9F73FF

 120CA5

 BD8DFF

 000089

 DCA8FF

 00006F

 FAC4FF

 000255

 FFE0FF

 00063D

FFFEFF

 000326

 000110

 000000

■ 6240DD

■ 6240DD

■ 512ADD

■ 7356DD

■ 3F14DD

■ 856CDD

■ 3000DD

■ 9682DD

■ A798DD

■ B9AFDD

■ CAC5DD

■ DBDBDD

■ EDF1DD

■ FEFFDD

Harmonies

Analogous

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



0067FA



6240DD



BF009F

Triad

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



6240DD



A44000



007B6D

Complementary

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



6240DD



BBDD40

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.



007816



6240DD



686200

Square

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



6240DD



CD0006



007100



007CB7

Rectangle

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



6240DD



D6006E



007100



007A52

Sweetspot

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



6240DD



D5C9FF



40BEDD



676080



000000



808080

Same Dimension

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



6240DD



5526FF



AE40DD



65636E



2600AD



0A002E

Inverse Universe

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



DD40BB



FF26D0



6FDD40



6E636B



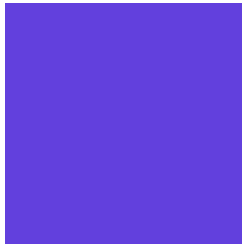
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color 6240DD looks on a white background.

Color Contrast Check

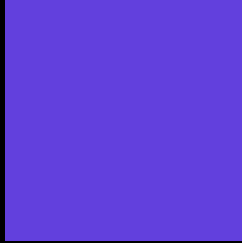
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6240DD looks on a 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 6240DD Background



This preview shows how black text looks on a background with the Hex color 6240DD.

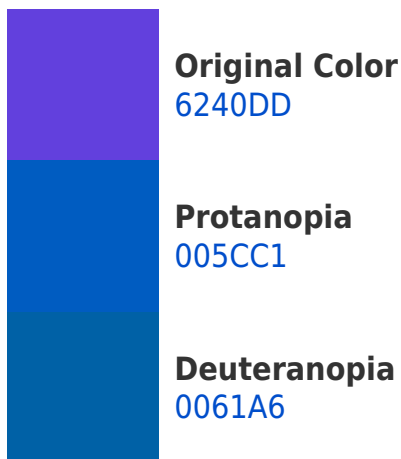



This preview shows how white text looks on a background with the Hex color 6240DD.

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](#).

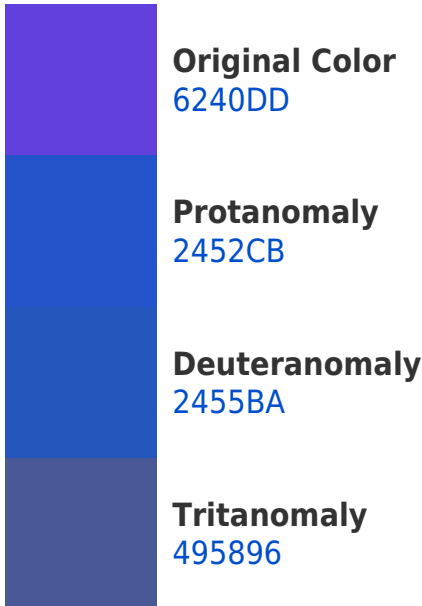
Dichromacy



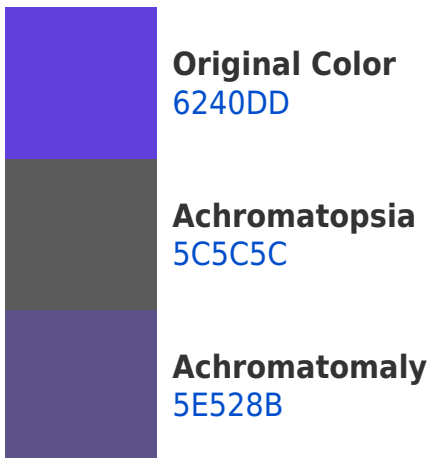


Tritanopia
3A666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6240DD 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 #6240DD looks like.

```
.text, #text, p{  
    color:#6240DD  
}
```

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 #6240DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6240DD
}
```

Border

The CSS property to change the border of an element to Hex 6240DD 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
#6240DD }
```

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

```
.border{ border-color:#6240DD }
```

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

Here you see how a box with a 4 pixel #6240DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6240DD; -webkit-box-shadow:4px 4px  
4px 4px #6240DD; box-shadow:4px 4px 4px  
4px #6240DD }
```

Background

The CSS property to change the background color of an element to Hex 6240DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6240DD }
```

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

```
.background{ background-color:#6240DD }
```

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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