

Converting Colors

Hex(666DE2)

Have a look what the booklet for
Hex(666DE2) contains.

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Color

Hex(666DE2)

Conversions

Conversions Part 1

Format	Color
Hex	666DE2
RGB	102, 109, 226
RGB Percent	40%, 43%, 89%
CMY	0.6000, 0.5725, 0.1137
CMYK	0.55, 0.52, 0.00, 0.11
HSL	237°, 68%, 64%
HSV	237°, 55%, 89%
XYZ	24.6756, 19.2530, 74.3672
YIQ	120.2450, -41.7290, 34.9030

Conversions

Conversions Part 2

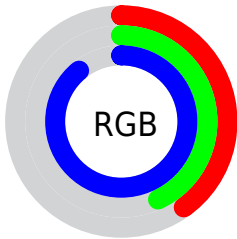
Format	Color
R _Y B	102, 109, 226
Decimal	6712802
CIE Lab	50.98, 30.25, -60.65
CIE LCh	51, 67.772, 296.512
Yxy	19.2530, 0.2086, 0.1628
Android (android.graphics.Color)	4284902882 (0xFF666DE2)
YUV	120.2450, 52.1372, -16.0009
Hunter-Lab	43.8783, 23.5951, -69.7729

Details

The Hex color **666DE2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **E2DB66**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A1A0FF**, and **223EAA** is the 20% darker color. If you saturate the color by 10%, you get **4F58E2**, and if you desaturate by 10%, it is **7D82E2**.

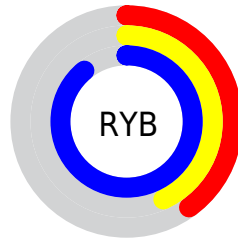
Distribution



Red (40%)

Green (43%)

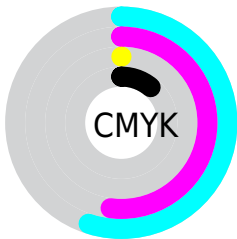
Blue (89%)



Red (40%)

Yellow (43%)

Blue (89%)

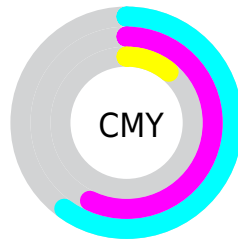


Cyan (55%)

Magenta (52%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (57%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666DE2 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 666DE2 by changing the saturation by 10% instead.

■ 666DE2

■ 666DE2

FFFFFF

■ 4755C6

■ A1A0FF

■ 223EAA

■ BFBBFF

■ 00288F

■ DCD7FF

■ 001574

■ FBF4FF

■ 00005B

■ 000742

■ 00032B

■ 000116

■ 000000

■ 666DE2

■ 666DE2

■ 4F58E2

■ 7D82E2

■ 3942E2

■ 9398E2

■ 222DE2

■ AAAD E2

■ 0C18E2

■ C0C2E2

■ 000DE2

■ D7D8E2

■ EEED E2

■ FFFF E2

Harmonies

Analogous

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



0083EE



666DE2



B74FBA

Triad

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



666DE2



C35C0F



009271

Complementary

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



666DE2



E2DB66

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.



008E34



666DE2



987500

Square

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



666DE2



DC404A



618500



0093AC

Rectangle

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



666DE2



D33C96



618500



00915C

Sweetspot

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



666DE2



D6D9FF



66E2DA



676980



000000



808080

Same Dimension

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



666DE2



5760FF



9C66E2



656670



000AB0



000330

Inverse Universe

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



E2666D



FF5760



ACE266



706566



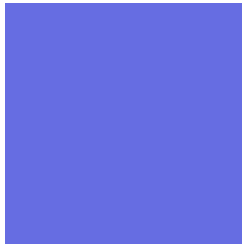
B0000A



300003

Previews

White Background



This preview shows how the Hex color 666DE2 looks on a white background.

Color Contrast Check

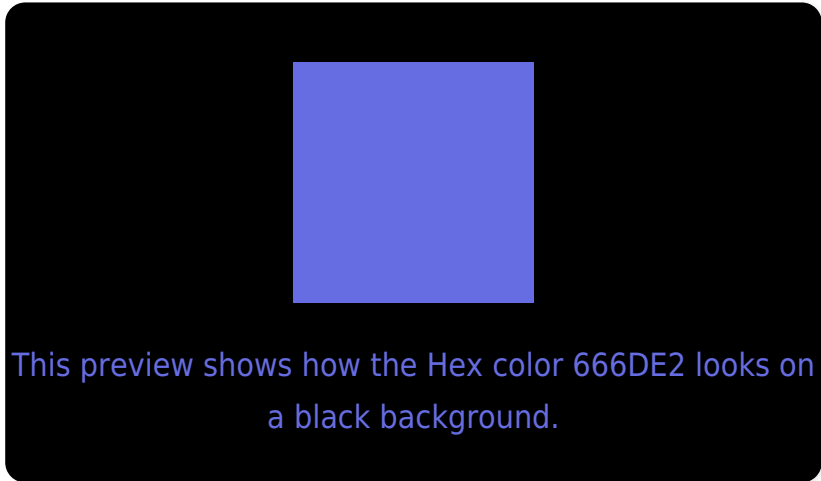
Large Text (above 18pt) WCAG AA ✓ Pass

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

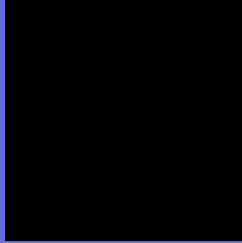
Any Text WCAG AA ✓ Pass

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 666DE2 Background



This preview shows how black text looks on a background with the Hex color 666DE2.

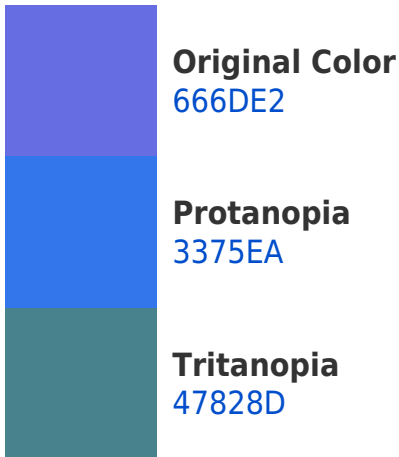


This preview shows how white text looks on a background with the Hex color 666DE2.

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



Trichromacy



Original Color
666DE2

Protanomaly
4672E7

Tritanomaly
527AAC

Monochromacy



Original Color
666DE2

Achromatopsia
787878

Achromatomaly
71749F

CSS Examples

Text

The CSS property to change the color of the text to Hex 666DE2 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 #666DE2 looks like.

```
.text, #text, p{  
    color:#666DE2  
}
```

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 #666DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666DE2
}
```

Border

The CSS property to change the border of an element to Hex 666DE2 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
#666DE2 }
```

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

```
.border{ border-color:#666DE2 }
```

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

Here you see how a box with a 4 pixel #666DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666DE2; -webkit-box-shadow:4px 4px  
4px 4px #666DE2; box-shadow:4px 4px 4px  
4px #666DE2 }
```

Background

The CSS property to change the background color of an element to Hex 666DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666DE2 }
```

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

```
.background{ background-color:#666DE2 }
```

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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