

Converting Colors

Hex(6766E2)

Have a look what the booklet for
Hex(6766E2) contains.

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Color

Hex(6766E2)

Conversions

Conversions Part 1

Format	Color
Hex	6766E2
RGB	103, 102, 226
RGB Percent	40%, 40%, 89%
CMY	0.5961, 0.6000, 0.1137
CMYK	0.54, 0.55, 0.00, 0.11
HSL	240°, 68%, 64%
HSV	240°, 55%, 89%
XYZ	24.0724, 17.8773, 74.1334
YIQ	116.4350, -39.2080, 38.7760

Conversions

Conversions Part 2

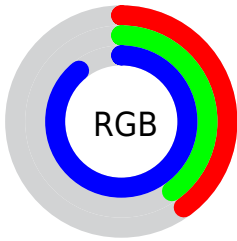
Format	Color
RYB	103, 102, 226
Decimal	6776546
CIELab	49.35, 34.68, -63.28
CIELCh	49, 72.159, 298.724
Yxy	17.8773, 0.2074, 0.1540
Android (android.graphics.Color)	4284966626 (0xFF6766E2)
YUV	116.4350, 54.0155, -11.7825
Hunter-Lab	42.2815, 27.6335, -74.3577

Details

The Hex color **6766E2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **E1E266**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A299FF**, and **2337AA** is the 20% darker color. If you saturate the color by 10%, you get **514FE2**, and if you desaturate by 10%, it is **7D7DE2**.

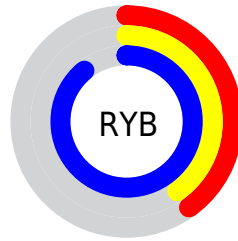
Distribution



Red (40%)

Green (40%)

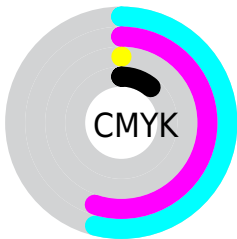
Blue (89%)



Red (40%)

Yellow (40%)

Blue (89%)

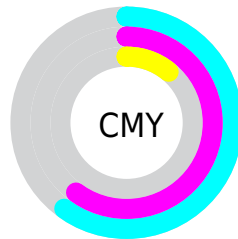


Cyan (54%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (60%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6766E2 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 6766E2 by changing the saturation by 10% instead.

■ 6766E2

■ 6766E2

FFFFFF

■ 484EC6

■ A299FF

■ 2337AA

■ C0B4FF

■ 00228F

■ DED0FF

■ 000E74

■ FCECFE

■ 00005B

■ 000742

■ 00032B

■ 000115

■ 000000

■ 6766E2

■ 6766E2

■ 514FE2

■ 7D7DE2

■ 3A39E2

■ 9493E2

■ 2422E2

■ AAAAE2

■ 0D0CE2

■ C1C0E2

■ 0200E2

■ D7D7E2

■ EEEEE2

■ FFFFE2

Harmonies

Analogous

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



007EF1



6766E2



BA43B6

Triad

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



6766E2



BE5800



008F71

Complementary

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



6766E2



E1E266

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.



008B30



6766E2



907200

Square

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



6766E2



DA353F



548200



008FAF

Rectangle

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



6766E2



D52B8F



548200



008E5B

Sweetspot

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



6766E2



D7D6FF



66E2E2



676780



000000



808080

Same Dimension

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



6766E2



5857FF



A466E2



656570



0100B0



000030

Inverse Universe

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



E266E1



FF57FE



A4E266



706570



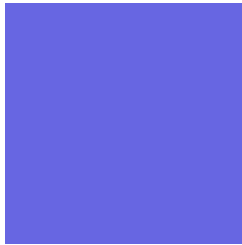
B000AF



300030

Previews

White Background



This preview shows how the Hex color 6766E2 looks on a white background.

Color Contrast Check

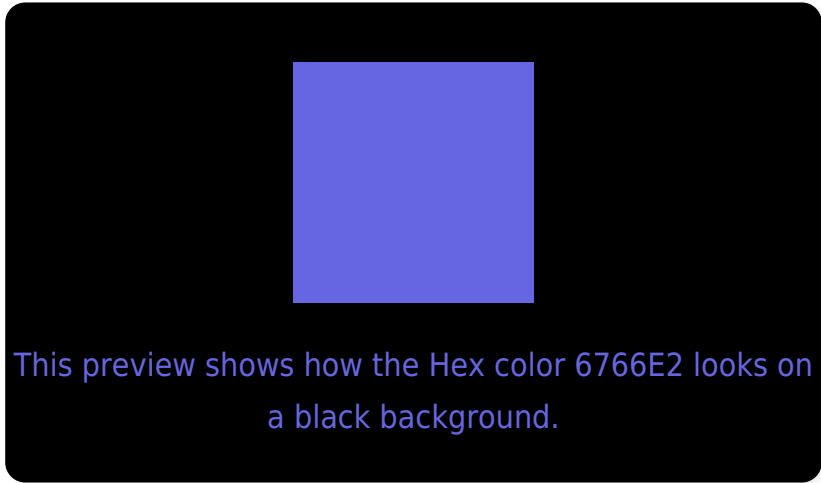
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 6766E2 Background



This preview shows how black text looks on a background with the Hex color 6766E2.




This preview shows how white text looks on a background with the Hex color 6766E2.

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](#).

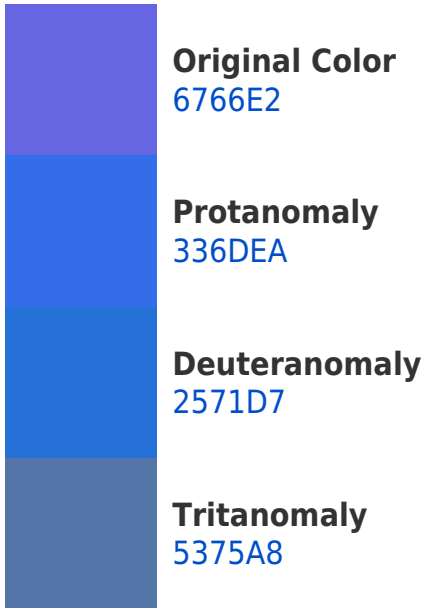
Dichromacy



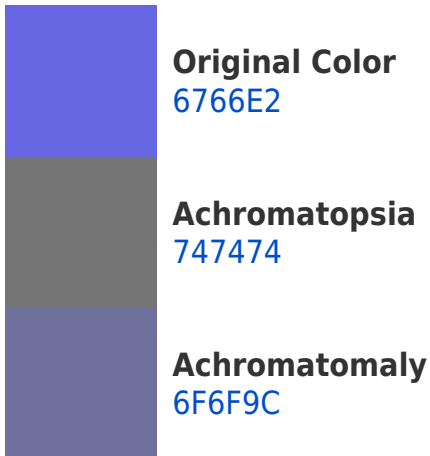


Tritanopia
477D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6766E2 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 #6766E2 looks like.

```
.text, #text, p{  
  color:#6766E2  
}
```

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 #6766E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6766E2
}
```

Border

The CSS property to change the border of an element to Hex 6766E2 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".

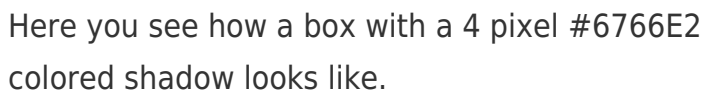
```
.border, #border, table{ border:4px solid
#6766E2 }
```

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

```
.border{ border-color:#6766E2 }
```

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

Here you see how a box with a 4 pixel #6766E2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6766E2; -webkit-box-shadow:4px 4px  
4px 4px #6766E2; box-shadow:4px 4px 4px  
4px #6766E2 }
```

Background

The CSS property to change the background color of an element to Hex 6766E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6766E2 }
```

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

```
.background{ background-color:#6766E2 }
```

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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