

Converting Colors

Hex(6B86D6)

Have a look what the booklet for
Hex(6B86D6) contains.

Hex(6B86D6)	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(6B86D6)

Conversions

Conversions Part 1

Format	Color
Hex	6B86D6
RGB	107, 134, 214
RGB Percent	42%, 53%, 84%
CMY	0.5804, 0.4745, 0.1608
CMYK	0.50, 0.37, 0.00, 0.16
HSL	225°, 57%, 63%
HSV	225°, 50%, 84%
XYZ	26.7261, 25.0310, 67.0412
YIQ	135.0470, -41.7720, 19.1560

Conversions

Conversions Part 2

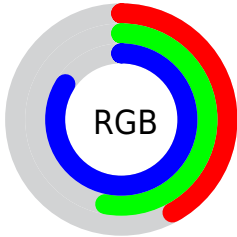
Format	Color
R _Y B	107, 129, 214
Decimal	7046870
CIE Lab	57.11, 12.46, -44.10
CIE LCh	57, 45.828, 285.774
Yxy	25.0310, 0.2250, 0.2107
Android (android.graphics.Color)	4285236950 (0xFF6B86D6)
YUV	135.0470, 38.9238, -24.5972
Hunter-Lab	50.0310, 7.7987, -44.4264

Details

The Hex color **6B86D6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D6BB6B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A4BBFF**, and **30559F** is the 20% darker color. If you saturate the color by 10%, you get **5676D6**, and if you desaturate by 10%, it is **8096D6**.

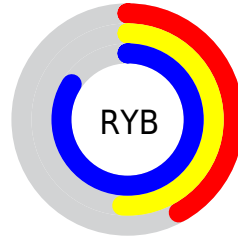
Distribution



Red (42%)

Green (53%)

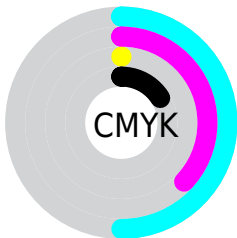
Blue (84%)



Red (42%)

Yellow (51%)

Blue (84%)

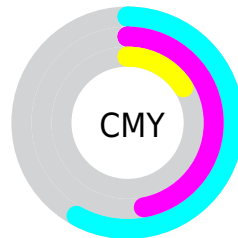


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (16%)



Cyan (58%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B86D6 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 6B86D6 by changing the saturation by 10% instead.

■ 6B86D6

■ 6B86D6

FFFFFF

■ 4E6DBA

■ A4BBFF

■ 30559F

■ C0D7FF

■ 013E84

■ DEF3FF

■ 00296B

■ FBFFFF

■ 001552

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 6B86D6

■ 6B86D6

■ 5676D6

■ 8096D6

■ 4066D6

■ 96A6D6

■ 2B56D6

■ ABB6D6

■ 1546D6

■ C1C6D6

■ 0036D6

■ D6D6D6

■ EBE6D6

■ FFF6D6

■ FFFFD6

Harmonies

Analogous

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



0093D6



6B86D6



A776C1

Triad

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



6B86D6



CA7151



049C74

Complementary

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



6B86D6



D6BB6B

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.



5E974F



6B86D6



B0803A

Square

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



6B86D6



D46775



8C8D38



009D9E

Rectangle

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



6B86D6



C06DAB



8C8D38



349B67

Sweetspot

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



6B86D6



D9E2FF



6BD6B9



696E80



000000



808080

Same Dimension

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



6B86D6



668DFF



846BD6



60636B



002BAB



000B2B

Inverse Universe

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



D66B86



FF668D



BDD66B



6B6063



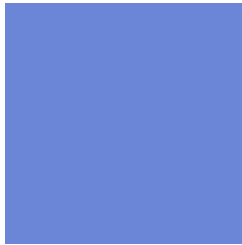
AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 6B86D6 looks on a white background.

Color Contrast Check

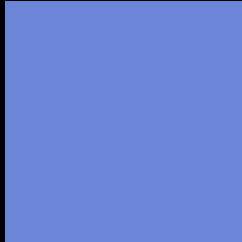
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B86D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

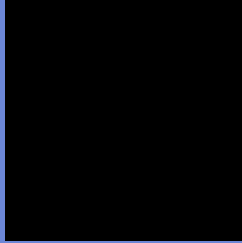
Any Text WCAG AA ✓ Pass

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 6B86D6 Background



This preview shows how black text looks on a background with the Hex color 6B86D6.



This preview shows how white text looks on a background with the Hex color 6B86D6.

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



Original Color
6B86D6

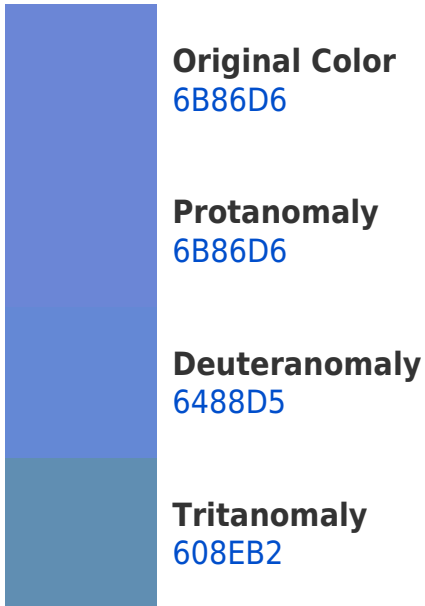
Protanopia
6B86D6

Deuteranopia
6089D5

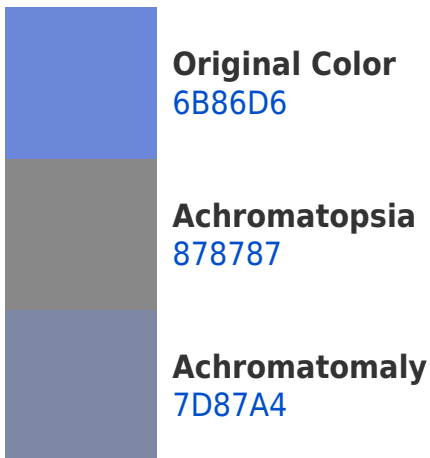


Tritanopia
59929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B86D6 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 #6B86D6 looks like.

```
.text, #text, p{  
    color:#6B86D6  
}
```

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 #6B86D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B86D6
}
```

Border

The CSS property to change the border of an element to Hex 6B86D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

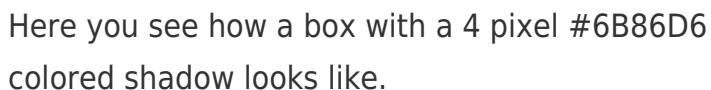
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B86D6 }
```

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

```
.border{ border-color:#6B86D6 }
```

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



Here you see how a box with a 4 pixel #6B86D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B86D6; -webkit-box-shadow:4px 4px  
4px 4px #6B86D6; box-shadow:4px 4px 4px  
4px #6B86D6 }
```

Background

The CSS property to change the background color of an element to Hex 6B86D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B86D6 }
```

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

```
.background{ background-color:#6B86D6 }
```

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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