

Converting Colors

Hex(6F86D9)

Have a look what the booklet for
Hex(6F86D9) contains.

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Color

Hex(6F86D9)

Conversions

Conversions Part 1

Format	Color
Hex	6F86D9
RGB	111, 134, 217
RGB Percent	44%, 53%, 85%
CMY	0.5647, 0.4745, 0.1490
CMYK	0.49, 0.38, 0.00, 0.15
HSL	227°, 58%, 64%
HSV	227°, 49%, 85%
XYZ	27.6050, 25.4395, 69.1010
YIQ	136.5850, -40.3510, 20.9370

Conversions

Conversions Part 2

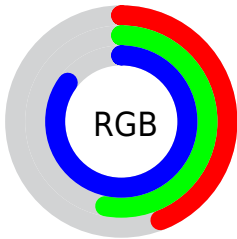
Format	Color
R _Y B	111, 130, 217
Decimal	7309017
CIE Lab	57.50, 14.31, -45.15
CIE LCh	58, 47.358, 287.582
Yxy	25.4395, 0.2260, 0.2083
Android (android.graphics.Color)	4285499097 (0xFF6F86D9)
YUV	136.5850, 39.6446, -22.4380
Hunter-Lab	50.4375, 9.4293, -45.9229

Details

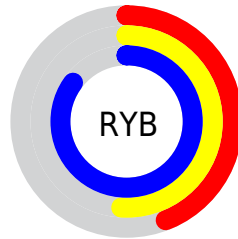
The Hex color **6F86D9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D9C26F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A8BBFF**, and **3555A2** is the 20% darker color. If you saturate the color by 10%, you get **5975D9**, and if you desaturate by 10%, it is **8597D9**.

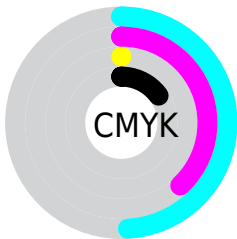
Distribution



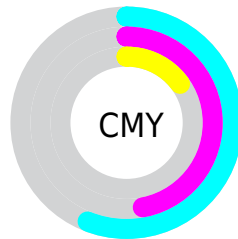
- Red (44%)
- Green (53%)
- Blue (85%)



- Red (44%)
- Yellow (51%)
- Blue (85%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F86D9 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 6F86D9 by changing the saturation by 10% instead.

■ 6F86D9

■ 6F86D9

FFFFFF

■ 536DBD

■ A8BBFF

■ 3555A2

■ C4D7FF

■ 0C3E87

■ E2F3FF

■ 00296D

■ 001554

■ 00033D

■ 000226

■ 00010F

■ 000000

■ 6F86D9

■ 6F86D9

■ 5975D9

■ 8597D9

■ 4464D9

■ 9AA8D9

■ 2E53D9

■ B0B9D9

■ 1842D9

■ C6CAD9

■ 0331D9

■ DCDBD9

■ 002FD9

■ F1ECD9

■ FFFDD9

■ FFFFD9

Harmonies

Analogous

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



0094DB



6F86D9



AC75C2

Triad

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



6F86D9



CC724F



009E77

Complementary

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



6F86D9



D9C26F

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.



5A9950



6F86D9



B08237

Square

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



6F86D9



D76773



8A8F37



009FA2

Rectangle

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



6F86D9



C56CAB



8A8F37



2A9C69

Sweetspot

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



6F86D9



D9E1FF



6FD9C0



696E80



000000



808080

Same Dimension

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



6F86D9



6989FF



8B6FD9



63656E



0026AD



000A2E

Inverse Universe

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



D96F86



FF6989



BDD96F



6E6365



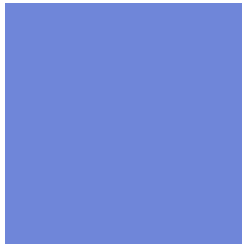
AD0026



2E000A

Previews

White Background



This preview shows how the Hex color 6F86D9 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 6F86D9 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 6F86D9 Background



This preview shows how black text looks on a background with the Hex color 6F86D9.

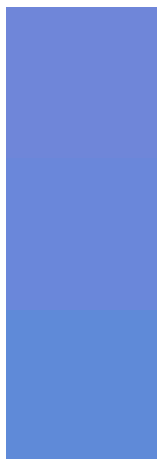


This preview shows how white text looks on a background with the Hex color 6F86D9.

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
6F86D9

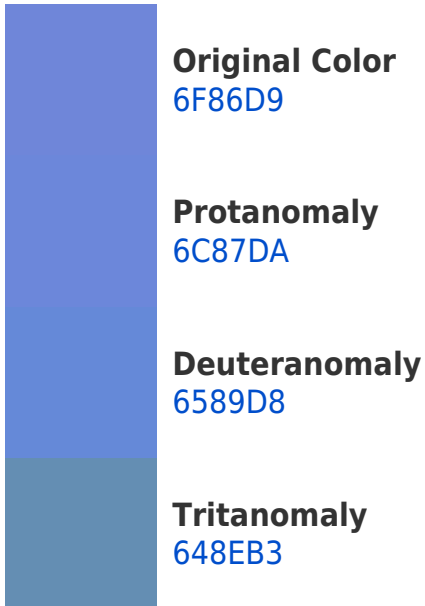
Protanopia
6A87DA

Deuteranopia
5F8AD8

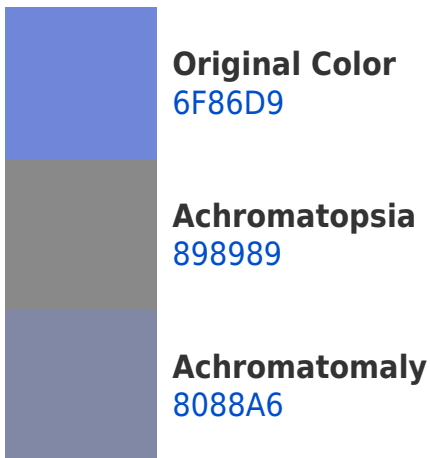


Tritanopia
5D929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F86D9 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 #6F86D9 looks like.

```
.text, #text, p{  
    color:#6F86D9  
}
```

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 #6F86D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F86D9
}
```

Border

The CSS property to change the border of an element to Hex 6F86D9 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
#6F86D9 }
```

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

```
.border{ border-color:#6F86D9 }
```

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

Here you see how a box with a 4 pixel #6F86D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F86D9; -webkit-box-shadow:4px 4px  
4px 4px #6F86D9; box-shadow:4px 4px 4px  
4px #6F86D9 }
```

Background

The CSS property to change the background color of an element to Hex 6F86D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F86D9 }
```

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

```
.background{ background-color:#6F86D9 }
```

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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