

Converting Colors

Hex(6E81D8)

Have a look what the booklet for
Hex(6E81D8) contains.

Hex(6E81D8)	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(6E81D8)

Conversions

Conversions Part 1

Format	Color
Hex	6E81D8
RGB	110, 129, 216
RGB Percent	43%, 51%, 85%
CMY	0.5686, 0.4941, 0.1529
CMYK	0.49, 0.40, 0.00, 0.15
HSL	229°, 58%, 64%
HSV	229°, 49%, 85%
XYZ	26.6753, 23.9734, 68.1871
YIQ	133.2370, -39.2510, 23.0290

Conversions

Conversions Part 2

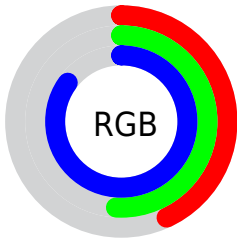
Format	Color
RYB	110, 126, 216
Decimal	7242200
CIELab	56.06, 16.75, -46.87
CIELCh	56, 49.772, 289.669
Yxy	23.9734, 0.2245, 0.2017
Android (android.graphics.Color)	4285432280 (0xFF6E81D8)
YUV	133.2370, 40.8022, -20.3788
Hunter-Lab	48.9626, 11.5640, -48.2956

Details

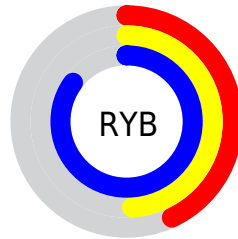
The Hex color **6E81D8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D8C56E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A7B6FF**, and **3350A1** is the 20% darker color. If you saturate the color by 10%, you get **586FD8**, and if you desaturate by 10%, it is **8493D8**.

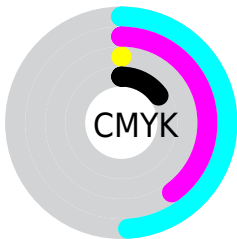
Distribution



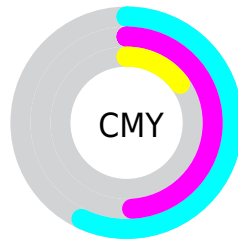
- Red (43%)
- Green (51%)
- Blue (85%)



- Red (43%)
- Yellow (49%)
- Blue (85%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E81D8 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 6E81D8 by changing the saturation by 10% instead.

■ 6E81D8

■ 6E81D8

FFFFFF

■ 5268BC

■ A7B6FF

■ 3350A1

■ C4D1FF

■ 093A86

■ E1EDFF

■ 00256C

FEFFFF

■ 001153

■ 00063C

■ 000225

■ 00010D

■ 000000

 6E81D8

 6E81D8

 586FD8

 8493D8

 435ED8

 99A4D8

 2D4CD8

 AFB6D8

 183AD8

 C4C8D8

 0228D8

 DADAD8

 0027D8

 F0EBD8

 FFFDD8

 FFFFD8

Harmonies

Analogous

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



008FDB



6E81D8



AC6FBF

Triad

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



6E81D8



C86E46



009B75

Complementary

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



6E81D8



D8C56E

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.



4F964C



6E81D8



AB7F2D

Square

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



6E81D8



D6616C



838D2F



009CA2

Rectangle

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



6E81D8



C665A5



838D2F



059A67

Sweetspot

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



6E81D8



D9E0FF



6ED8C5



696D80



000000



808080

Same Dimension

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



6E81D8



6984FF



906ED8



60626B



001FAB



00082B

Inverse Universe

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



D86E81



FF6984



B6D86E



6B6062



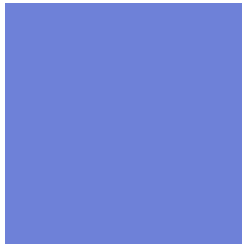
AB001F



2B0008

Previews

White Background



This preview shows how the Hex color 6E81D8 looks on a white background.

Color Contrast Check

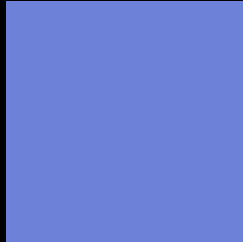
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E81D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

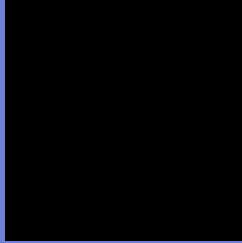
Any Text WCAG AA ✓ Pass

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 6E81D8 Background



This preview shows how black text looks on a background with the Hex color 6E81D8.



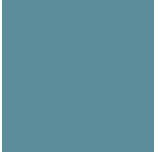
This preview shows how white text looks on a background with the Hex color 6E81D8.

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](#).

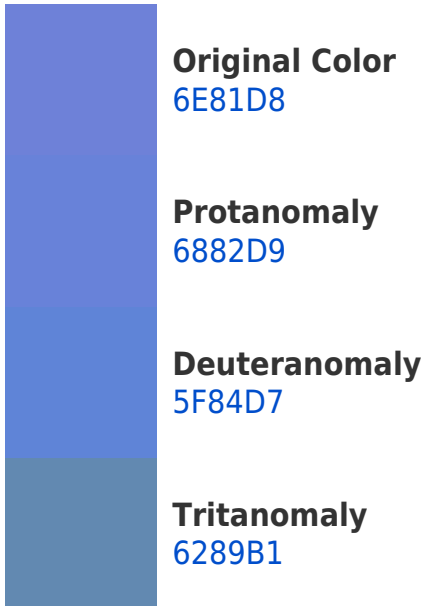
Dichromacy



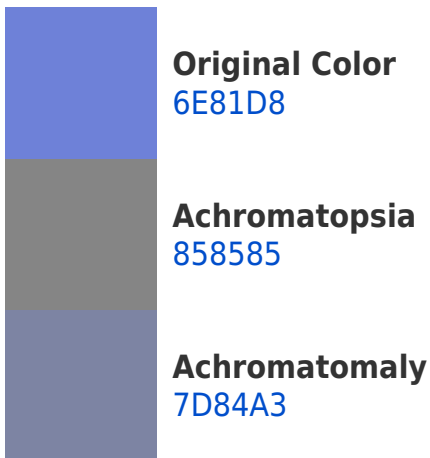


Tritanopia
5B8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E81D8 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 #6E81D8 looks like.

```
.text, #text, p{  
    color:#6E81D8  
}
```

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 #6E81D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E81D8
}
```

Border

The CSS property to change the border of an element to Hex 6E81D8 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
#6E81D8 }
```

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

```
.border{ border-color:#6E81D8 }
```

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

Here you see how a box with a 4 pixel #6E81D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E81D8; -webkit-box-shadow:4px 4px  
4px 4px #6E81D8; box-shadow:4px 4px 4px  
4px #6E81D8 }
```

Background

The CSS property to change the background color of an element to Hex 6E81D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E81D8 }
```

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

```
.background{ background-color:#6E81D8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor