

Converting Colors

Hex(6A8DD8)

Have a look what the booklet for
Hex(6A8DD8) contains.

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Color

Hex(6A8DD8)

Conversions

Conversions Part 1

Format	Color
Hex	6A8DD8
RGB	106, 141, 216
RGB Percent	42%, 55%, 85%
CMY	0.5843, 0.4471, 0.1529
CMYK	0.51, 0.35, 0.00, 0.15
HSL	221°, 59%, 63%
HSV	221°, 51%, 85%
XYZ	27.8634, 27.0718, 68.7226
YIQ	139.0850, -44.9350, 15.9050

Conversions

Conversions Part 2

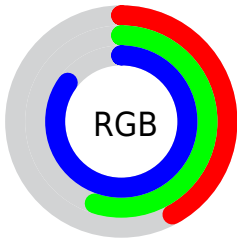
Format	Color
RYB	106, 133, 216
Decimal	6983128
CIELab	59.04, 8.70, -42.18
CIELCh	59, 43.065, 281.654
Yxy	27.0718, 0.2253, 0.2189
Android (android.graphics.Color)	4285173208 (0xFF6A8DD8)
YUV	139.0850, 37.9191, -29.0155
Hunter-Lab	52.0306, 4.5368, -41.8895

Details

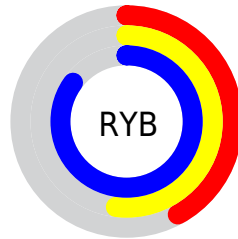
The Hex color **6A8DD8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D8B56A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A3C2FF**, and **2E5BA1** is the 20% darker color. If you saturate the color by 10%, you get **547ED8**, and if you desaturate by 10%, it is **809CD8**.

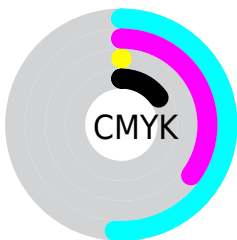
Distribution



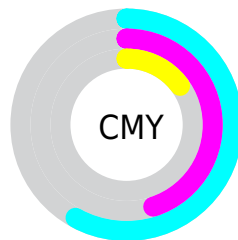
- Red (42%)
- Green (55%)
- Blue (85%)



- Red (42%)
- Yellow (52%)
- Blue (85%)



- Cyan (51%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8DD8 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 6A8DD8 by changing the saturation by 10% instead.

■ 6A8DD8

■ 6A8DD8

FFFFFF

■ 4D74BC

■ A3C2FF

■ 2E5BA1

■ C0DEFF

■ 004486

■ DDFBFF

■ 002E6D

■ FAFFFF

■ 001B54

■ 00023C

■ 000225

■ 00010E

■ 000000

 6A8DD8

 6A8DD8

 547ED8

 809CD8

 3F70D8

 95AAD8

 2961D8

 ABB9D8

 1452D8

 C0C8D8

 0045D8

 D6D7D8

 ECE5D8

 FFF4D8

 FFFF80

Harmonies

Analogous

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



0099D5



6A8DD8



A47EC7

Triad

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



6A8DD8



CF765E



34A075

Complementary

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



6A8DD8



D8B56A

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.



6D9A54



6A8DD8



B88446

Square

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



6A8DD8



D66F81



969141



00A19C

Rectangle

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



6A8DD8



BF75B3



969141



4B9E69

Sweetspot

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



6A8DD8



D9E5FF



6AD8B3



697080



000000



808080

Same Dimension

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



6A8DD8



6395FF



7C6AD8



60646B



0036AB



000E2B

Inverse Universe

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



D86A8D



FF6395



C6D86A



6B6064



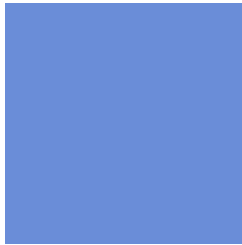
AB0036



2B000E

Previews

White Background



This preview shows how the Hex color 6A8DD8 looks on a white background.

Color Contrast Check

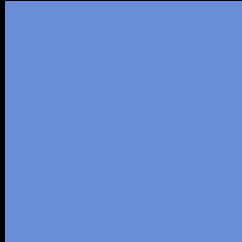
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8DD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

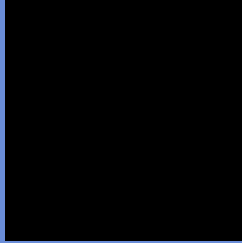
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

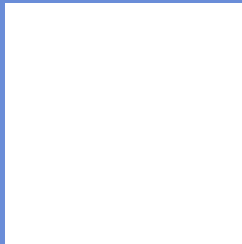
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A8DD8 Background



This preview shows how black text looks on a background with the Hex color 6A8DD8.



This preview shows how white text looks on a background with the Hex color 6A8DD8.

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
6A8DD8

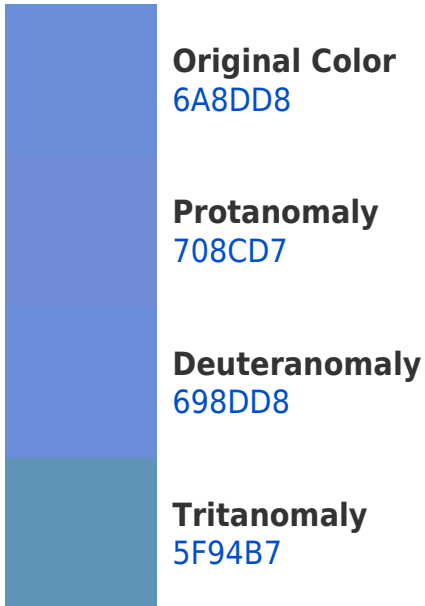
Protanopia
738BD6

Deuteranopia
698DD8

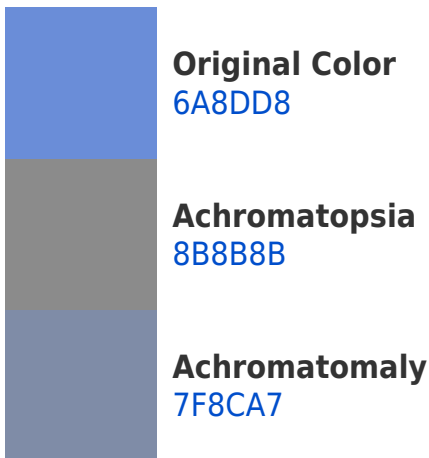


Tritanopia
5998A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8DD8 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 #6A8DD8 looks like.

```
.text, #text, p{  
    color:#6A8DD8  
}
```

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 #6A8DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8DD8  
}
```

Border

The CSS property to change the border of an element to Hex 6A8DD8 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  
#6A8DD8 }
```

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

```
.border{ border-color:#6A8DD8 }
```

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

Here you see how a box with a 4 pixel #6A8DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8DD8; -webkit-box-shadow:4px 4px  
4px 4px #6A8DD8; box-shadow:4px 4px 4px  
4px #6A8DD8 }
```

Background

The CSS property to change the background color of an element to Hex 6A8DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8DD8 }
```

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

```
.background{ background-color:#6A8DD8 }
```

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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