

Converting Colors

Hex(6A82D4)

Have a look what the booklet for
Hex(6A82D4) contains.

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Color

Hex(6A82D4)

Conversions

Conversions Part 1

Format	Color
Hex	6A82D4
RGB	106, 130, 212
RGB Percent	42%, 51%, 83%
CMY	0.5843, 0.4902, 0.1686
CMYK	0.50, 0.39, 0.00, 0.17
HSL	226°, 55%, 62%
HSV	226°, 50%, 83%
XYZ	25.8102, 23.7829, 65.5176
YIQ	132.1720, -40.6260, 20.4140

Conversions

Conversions Part 2

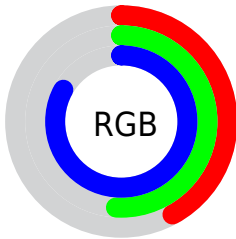
Format	Color
RYB	106, 126, 212
Decimal	6980308
CIELab	55.87, 14.00, -44.93
CIELCh	56, 47.065, 287.305
Yxy	23.7829, 0.2242, 0.2066
Android (android.graphics.Color)	4285170388 (0xFF6A82D4)
YUV	132.1720, 39.3552, -22.9528
Hunter-Lab	48.7677, 9.1270, -45.5165

Details

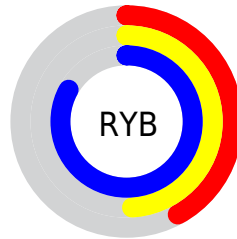
The Hex color **6A82D4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D4BC6A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A3B7FF**, and **2F519D** is the 20% darker color. If you saturate the color by 10%, you get **5572D4**, and if you desaturate by 10%, it is **7F92D4**.

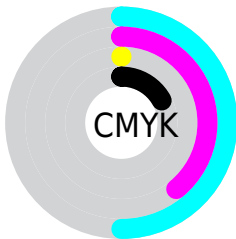
Distribution



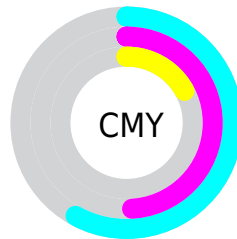
- Red (42%)
- Green (51%)
- Blue (83%)



- Red (42%)
- Yellow (49%)
- Blue (83%)



- Cyan (50%)
- Magenta (39%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A82D4 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 6A82D4 by changing the saturation by 10% instead.

■ 6A82D4

■ 6A82D4

FFFFFF

■ 4D69B8

■ A3B7FF

■ 2F519D

■ BFD2FF

■ 003B82

■ DCEEFF

■ 002669

■ FAFFFF

■ 001250

■ 000539

■ 000222

■ 000008

■ 000000

■ 6A82D4

■ 6A82D4

■ 5572D4

■ 7F92D4

■ 4061D4

■ 94A3D4

■ 2A51D4

■ AAB3D4

■ 1540D4

■ BFC4D4

■ 0030D4

■ D4D4D4

■ E9E4D4

■ FEF5D4

■ FFFFD4

Harmonies

Analogous

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



008FD5



6A82D4



A771BE

Triad

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



6A82D4



C76E4B



009973

Complementary

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



6A82D4



D4BC6A

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.



57944C



6A82D4



AC7E33

Square

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



6A82D4



D26370



868B33



009A9D

Rectangle

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



6A82D4



C068A6



868B33



269865

Sweetspot

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



6A82D4



D9E1FF



6AD4BB



696E80



000000



808080

Same Dimension

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



6A82D4



6689FF



866AD4



60636B



0027AB



000A2B

Inverse Universe

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



D46A82



FF6689



B8D46A



6B6063



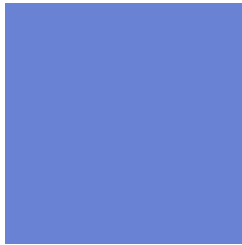
AB0027



2B000A

Previews

White Background



This preview shows how the Hex color 6A82D4 looks on a white background.

Color Contrast Check

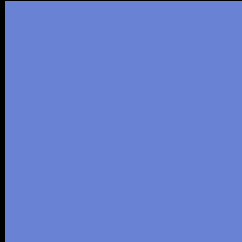
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A82D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

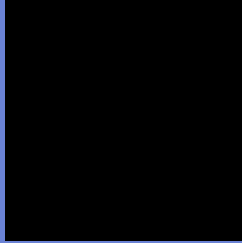
Any Text WCAG AA ✓ Pass

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 6A82D4 Background



This preview shows how black text looks on a background with the Hex color 6A82D4.



This preview shows how white text looks on a background with the Hex color 6A82D4.

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](#).

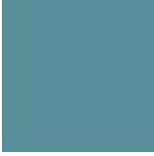
Dichromacy



Original Color
6A82D4

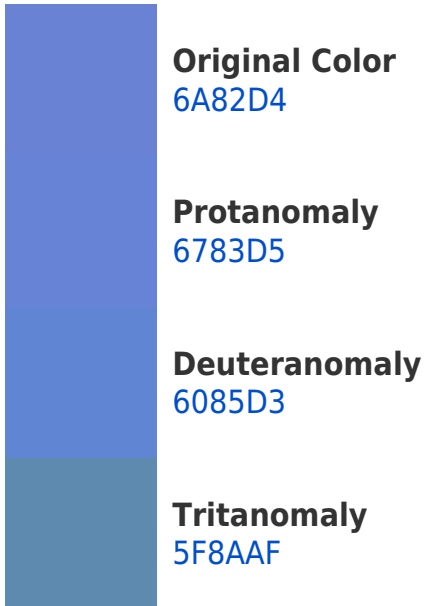
Protanopia
6683D5

Deuteranopia
5A86D3

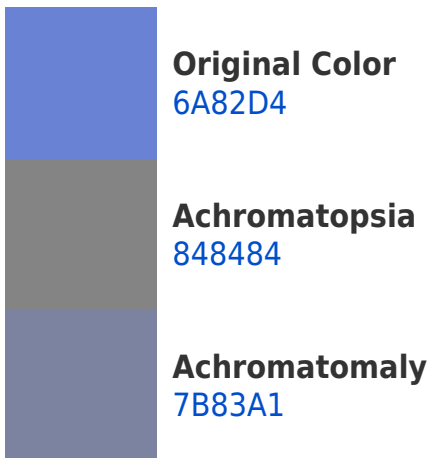


Tritanopia
588E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A82D4 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 #6A82D4 looks like.

```
.text, #text, p{  
    color:#6A82D4  
}
```

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 #6A82D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A82D4
}
```

Border

The CSS property to change the border of an element to Hex 6A82D4 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
#6A82D4 }
```

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

```
.border{ border-color:#6A82D4 }
```

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

Here you see how a box with a 4 pixel #6A82D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A82D4; -webkit-box-shadow:4px 4px  
4px 4px #6A82D4; box-shadow:4px 4px 4px  
4px #6A82D4 }
```

Background

The CSS property to change the background color of an element to Hex 6A82D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A82D4 }
```

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

```
.background{ background-color:#6A82D4 }
```

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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