

Converting Colors

Hex(6AA2D0)

Have a look what the booklet for
Hex(6AA2D0) contains.

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Color

Hex(6AA2D0)

Conversions

Conversions Part 1

Format	Color
Hex	6AA2D0
RGB	106, 162, 208
RGB Percent	42%, 64%, 82%
CMY	0.5843, 0.3647, 0.1843
CMYK	0.49, 0.22, 0.00, 0.18
HSL	207°, 52%, 62%
HSV	207°, 49%, 82%
XYZ	30.2494, 33.4589, 64.5384
YIQ	150.5000, -48.1420, 2.4340

Conversions

Conversions Part 2

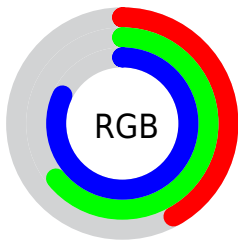
Format	Color
RYB	106, 142, 208
Decimal	6988496
CIELab	64.53, -5.74, -29.16
CIELCh	65, 29.717, 258.858
Yxy	33.4589, 0.2359, 0.2609
Android (android.graphics.Color)	4285178576 (0xFF6AA2D0)
YUV	150.5000, 28.3475, -39.0265
Hunter-Lab	57.8437, -7.8798, -25.6616

Details

The Hex color **6AA2D0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D0986A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A2D9FF**, and **306F99** is the 20% darker color. If you saturate the color by 10%, you get **5599D0**, and if you desaturate by 10%, it is **7FABD0**.

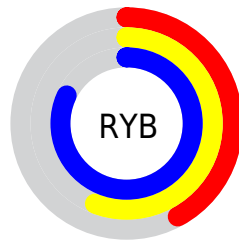
Distribution



Red (42%)

Green (64%)

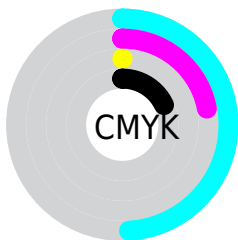
Blue (82%)



Red (42%)

Yellow (56%)

Blue (82%)

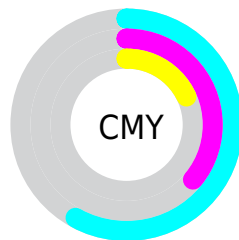


Cyan (49%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA2D0 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 6AA2D0 by changing the saturation by 10% instead.

■ 6AA2D0

■ 6AA2D0

FFFFFF

■ 4E88B4

■ A2D9FF

■ 306F99

■ BFF5FF

■ 04567F

■ DCFFFF

■ 003F66

■ F9FFFF

■ 00294E

■ 001537

■ 000221

■ 000006

■ 000000

■ 6AA2D0

■ 6AA2D0

■ 5599D0

■ 7FABD0

■ 408FD0

■ 94B5D0

■ 2C86D0

■ A8BED0

■ 177CD0

■ BDC8D0

■ 0273D0

■ D2D1D0

■ 0072D0

■ E7DAD0

■ FCE4D0

■ FFEDD0

■ FFF6D0

Harmonies

Analogous

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



49A8C4



6AA2D0



9299CF

Triad

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



6AA2D0



D2898D



80A779

Complementary

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



6AA2D0



D0986A

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.



9EA06A



6AA2D0



CA8F76

Square

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



6AA2D0



CA8AA8



B89769



60AA91

Rectangle

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



6AA2D0



AA93C6



B89769



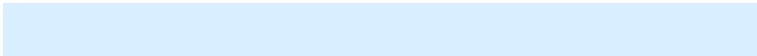
8AA572

Sweetspot

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



6AA2D0



D9EEFF



6AD098



697580



000000



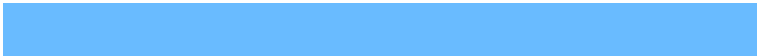
808080

Same Dimension

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



6AA2D0



69BBFF



6A6FD0



5E6469



005CA8



001629

Inverse Universe

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



D06AA2



FF69BB



D0CB6A



695E64



A8005C



290016

Previews

White Background



This preview shows how the Hex color 6AA2D0 looks on a white background.

Color Contrast Check

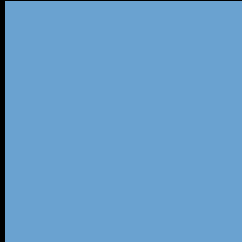
Large Text (above 18pt) WCAG AA × Fail

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 6AA2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

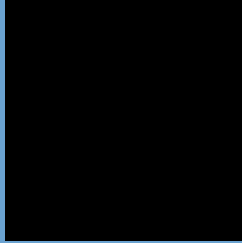
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 6AA2D0 Background



This preview shows how black text looks on a background with the Hex color 6AA2D0.

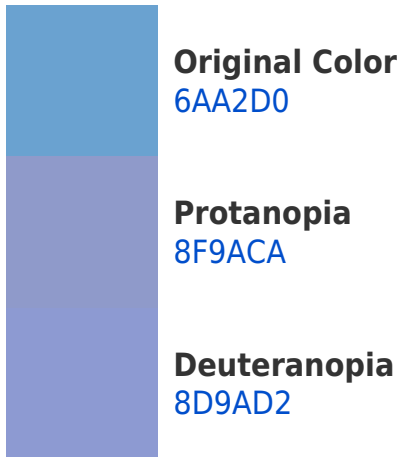


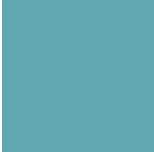
This preview shows how white text looks on a background with the Hex color 6AA2D0.

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](#).

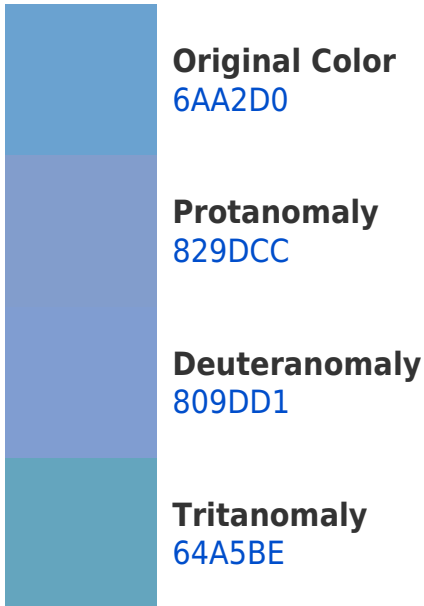
Dichromacy



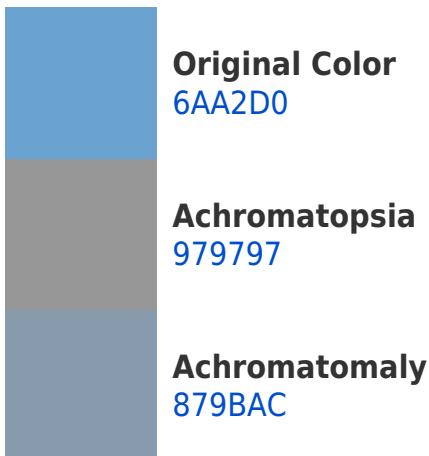


Tritanopia
61A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA2D0 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 #6AA2D0 looks like.

```
.text, #text, p{  
    color:#6AA2D0  
}
```

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 #6AA2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA2D0
}
```

Border

The CSS property to change the border of an element to Hex 6AA2D0 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
#6AA2D0 }
```

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

```
.border{ border-color:#6AA2D0 }
```

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

Here you see how a box with a 4 pixel #6AA2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA2D0; -webkit-box-shadow:4px 4px  
4px 4px #6AA2D0; box-shadow:4px 4px 4px  
4px #6AA2D0 }
```

Background

The CSS property to change the background color of an element to Hex 6AA2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA2D0 }
```

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

```
.background{ background-color:#6AA2D0 }
```

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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