

Converting Colors

Hex(6AACD3)

Have a look what the booklet for
Hex(6AACD3) contains.

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Color

Hex(6AACD3)

Conversions

Conversions Part 1

Format	Color
Hex	6AACD3
RGB	106, 172, 211
RGB Percent	42%, 67%, 83%
CMY	0.5843, 0.3255, 0.1725
CMYK	0.50, 0.18, 0.00, 0.17
HSL	202°, 54%, 62%
HSV	202°, 50%, 83%
XYZ	32.4543, 37.2724, 67.1118
YIQ	156.7120, -51.8550, -1.8630

Conversions

Conversions Part 2

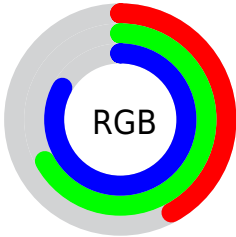
Format	Color
RYB	106, 147, 211
Decimal	6991059
CIELab	67.48, -10.36, -26.27
CIELCh	67, 28.242, 248.485
Yxy	37.2724, 0.2372, 0.2724
Android (android.graphics.Color)	4285181139 (0xFF6AACD3)
YUV	156.7120, 26.7640, -44.4744
Hunter-Lab	61.0511, -11.9503, -22.4401

Details

The Hex color **6AACD3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D3916A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A3E3FF**, and **2F789C** is the 20% darker color. If you saturate the color by 10%, you get **55A4D3**, and if you desaturate by 10%, it is **7FB4D3**.

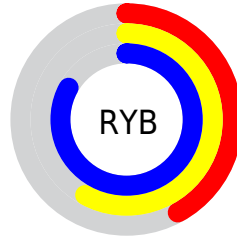
Distribution



Red (42%)

Green (67%)

Blue (83%)



Red (42%)

Yellow (58%)

Blue (83%)

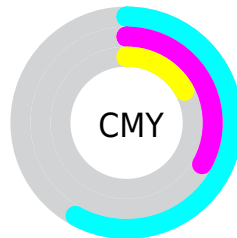


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AACD3 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 6AACD3 by changing the saturation by 10% instead.

■ 6AACD3

■ 6AACD3

FFFFFF

■ 4D91B7

■ A3E3FF

■ 2F789C

■ BFFFFFF

■ 005F82

■ DDDFFF

■ 004769

■ FAFFFF

■ 003151

■ 001D39

■ 000224

■ 00000B

■ 000000

■ 6AACD3

■ 6AACD3

■ 55A4D3

■ 7FB4D3

■ 409CD3

■ 94BCD3

■ 2B94D3

■ A9C4D3

■ 168DD3

■ BECBD3

■ 0185D3

■ D4D3D3

■ 0085D3

■ E9DBD3

■ FEE3D3

■ FFEBD3

■ FFF3D3

Harmonies

Analogous

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



55B1C3



6AACD3



8EA4D6

Triad

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



6AACD3



D7919E



93AC7C

Complementary

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



6AACD3



D3916A

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.



AFA572



6AACD3



D59586

Square

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



6AACD3



CB94B8



C69C76



76B191

Rectangle

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



6AACD3



A69ED1



C69C76



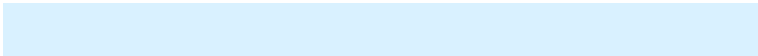
9DAA77

Sweetspot

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



6AACD3



D9F1FF



6AD391



697780



000000



808080

Same Dimension

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



6AACD3



66C6FF



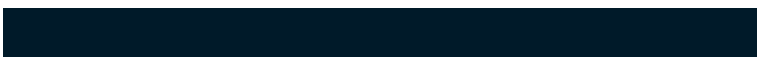
6A78D3



5E6569



006AA8



001A29

Inverse Universe

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



D36AAC



FF66C6



D3C56A



695E65



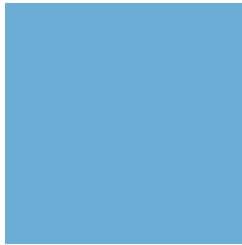
A8006A



29001A

Previews

White Background



This preview shows how the Hex color 6AACD3 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 6AACD3 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

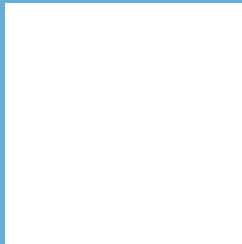
Any Text WCAG AAA ✓ Pass

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

Hex 6AACD3 Background



This preview shows how black text looks on a background with the Hex color 6AACD3.

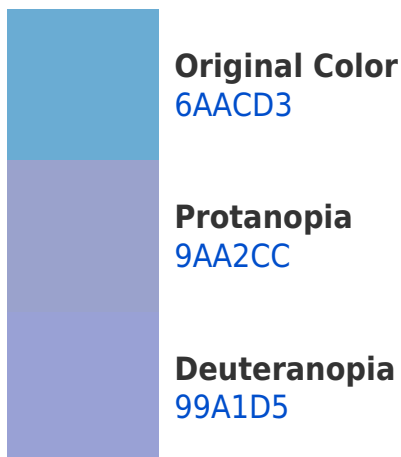


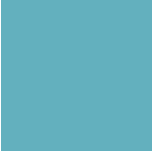
This preview shows how white text looks on a background with the Hex color 6AACD3.

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](#).

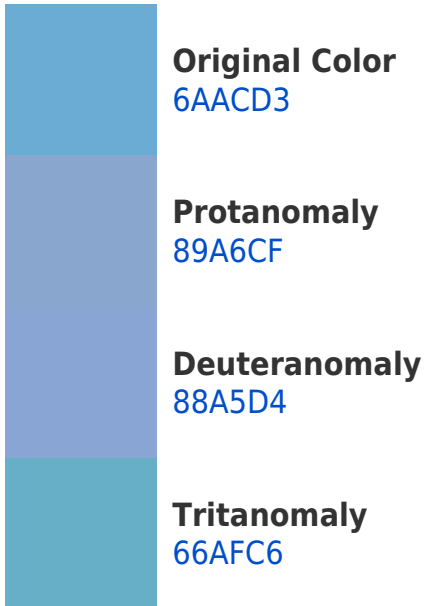
Dichromacy



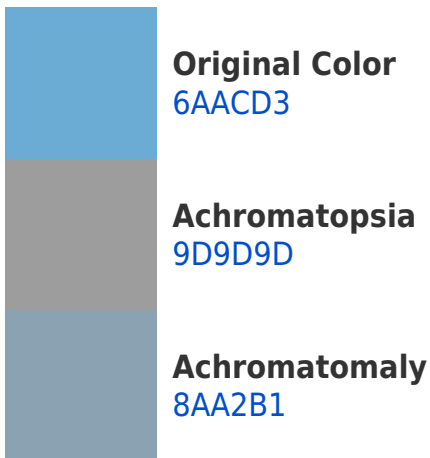


Tritanopia
63B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AACD3 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 #6AACD3 looks like.

```
.text, #text, p{  
    color:#6AACD3  
}
```

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 #6AACD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AACD3
}
```

Border

The CSS property to change the border of an element to Hex 6AACD3 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
#6AACD3 }
```

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

```
.border{ border-color:#6AACD3 }
```

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

Here you see how a box with a 4 pixel #6AACD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AACD3; -webkit-box-shadow:4px 4px  
4px 4px #6AACD3; box-shadow:4px 4px 4px  
4px #6AACD3 }
```

Background

The CSS property to change the background color of an element to Hex 6AACD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AACD3 }
```

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

```
.background{ background-color:#6AACD3 }
```

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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