

Converting Colors

Hex(6A98D1)

Have a look what the booklet for
Hex(6A98D1) contains.

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Color

Hex(6A98D1)

Conversions

Conversions Part 1

Format	Color
Hex	6A98D1
RGB	106, 152, 209
RGB Percent	42%, 60%, 82%
CMY	0.5843, 0.4039, 0.1804
CMYK	0.49, 0.27, 0.00, 0.18
HSL	213°, 53%, 62%
HSV	213°, 49%, 82%
XYZ	28.6807, 30.1241, 64.6245
YIQ	144.7440, -45.7130, 7.9750

Conversions

Conversions Part 2

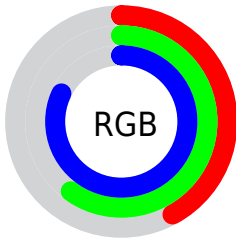
Format	Color
R _Y B	106, 138, 209
Decimal	6985937
CIE Lab	61.76, 0.19, -34.01
CIE LCh	62, 34.007, 270.320
Yxy	30.1241, 0.2324, 0.2441
Android (android.graphics.Color)	4285176017 (0xFF6A98D1)
YUV	144.7440, 31.6782, -33.9785
Hunter-Lab	54.8854, -2.7732, -31.3908

Details

The Hex color **6A98D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D1A36A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A2CEFF**, and **30659A** is the 20% darker color. If you saturate the color by 10%, you get **558CD1**, and if you desaturate by 10%, it is **7FA4D1**.

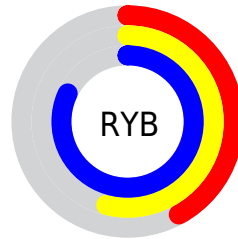
Distribution



Red (42%)

Green (60%)

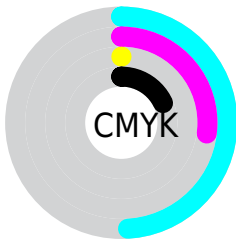
Blue (82%)



Red (42%)

Yellow (54%)

Blue (82%)

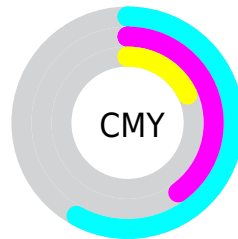


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A98D1 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 6A98D1 by changing the saturation by 10% instead.

■ 6A98D1

■ 6A98D1

FFFFFF

■ 4E7EB5

■ A2CEFF

■ 30659A

■ BFEAFF

■ 054E80

■ DCFFFF

■ 003767

■ F9FFFF

■ 00224E

■ 000B37

■ 000221

■ 000006

■ 000000

■ 6A98D1

■ 6A98D1

■ 558CD1

■ 7FA4D1

■ 4081D1

■ 94AFD1

■ 2B75D1

■ A9BBD1

■ 166AD1

■ BEC6D1

■ 025ED1

■ D3D2D1

■ 005DD1

■ E7DDD1

■ FCE9D1

■ FFF5D1

■ FFFF1

Harmonies

Analogous

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



34A0C9



6A98D1



998DC9

Triad

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



6A98D1



CF8078



65A376

Complementary

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



6A98D1



D1A36A

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.



899C60



6A98D1



C18962

Square

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



6A98D1



CE7E96



A99358



3CA594

Rectangle

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



6A98D1



B286BC



A99358



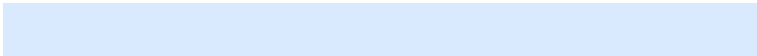
72A16E

Sweetspot

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



6A98D1



D9EAFF



6AD1A3



697380



000000



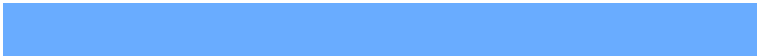
808080

Same Dimension

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



6A98D1



69ACFF



6F6AD1



5E6369



004BA8



001229

Inverse Universe

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



D16A98



FF69AC



CCD16A



695E63



A8004B



290012

Previews

White Background



This preview shows how the Hex color 6A98D1 looks on a white background.

Color Contrast Check

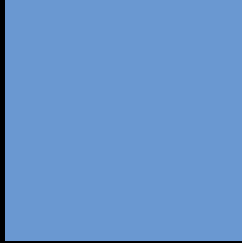
Large Text (above 18pt) WCAG AA × Fail

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 6A98D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

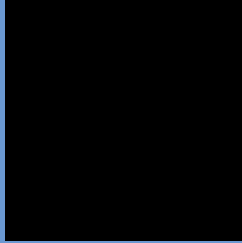
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

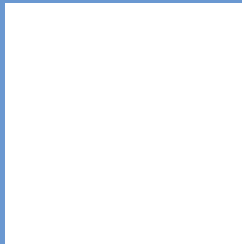
Any Text WCAG AAA ✓ Pass

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

Hex 6A98D1 Background



This preview shows how black text looks on a background with the Hex color 6A98D1.

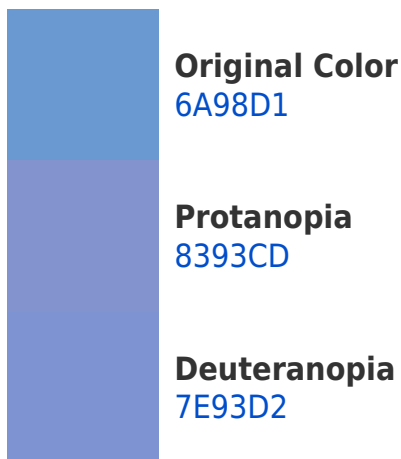


This preview shows how white text looks on a background with the Hex color 6A98D1.

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](#).

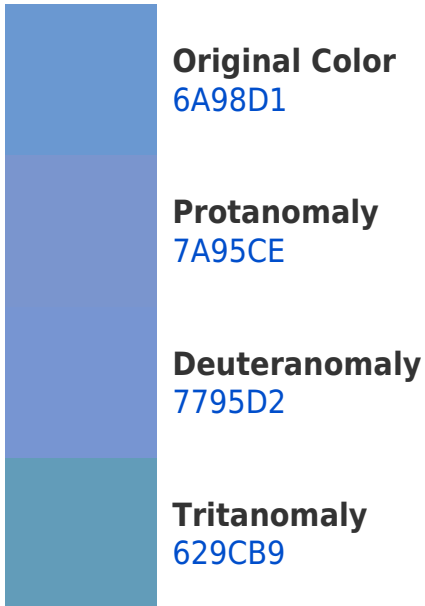
Dichromacy



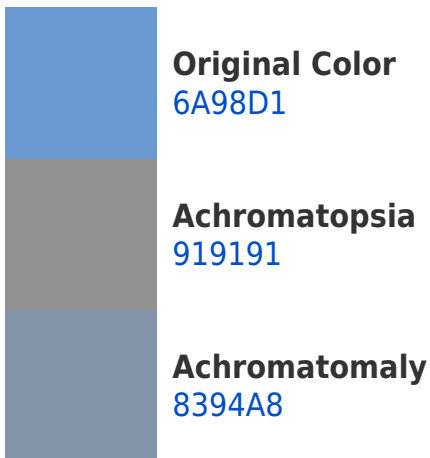


Tritanopia
5E9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A98D1 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 #6A98D1 looks like.

```
.text, #text, p{  
    color:#6A98D1  
}
```

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 #6A98D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A98D1
}
```

Border

The CSS property to change the border of an element to Hex 6A98D1 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
#6A98D1 }
```

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

```
.border{ border-color:#6A98D1 }
```

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

Here you see how a box with a 4 pixel #6A98D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A98D1; -webkit-box-shadow:4px 4px  
4px 4px #6A98D1; box-shadow:4px 4px 4px  
4px #6A98D1 }
```

Background

The CSS property to change the background color of an element to Hex 6A98D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A98D1 }
```

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

```
.background{ background-color:#6A98D1 }
```

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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