

Converting Colors

Hex(6DA9D9)

Have a look what the booklet for
Hex(6DA9D9) contains.

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Color

Hex(6DA9D9)

Conversions

Conversions Part 1

Format	Color
Hex	6DA9D9
RGB	109, 169, 217
RGB Percent	43%, 66%, 85%
CMY	0.5725, 0.3373, 0.1490
CMYK	0.50, 0.22, 0.00, 0.15
HSL	207°, 59%, 64%
HSV	207°, 50%, 85%
XYZ	33.0190, 36.6369, 70.9770
YIQ	156.5320, -51.1680, 2.2080

Conversions

Conversions Part 2

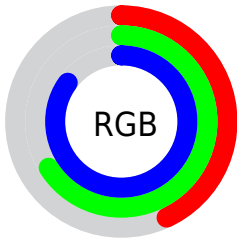
Format	Color
R _Y B	109, 148, 217
Decimal	7186905
CIE Lab	67.00, -6.29, -30.30
CIE LCh	67, 30.948, 258.282
Yxy	36.6369, 0.2348, 0.2605
Android (android.graphics.Color)	4285376985 (0xFF6DA9D9)
YUV	156.5320, 29.8107, -41.6856
Hunter-Lab	60.5284, -8.5507, -27.1549

Details

The Hex color **6DA9D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D99D6D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A6E0FF**, and **3275A2** is the 20% darker color. If you saturate the color by 10%, you get **579FD9**, and if you desaturate by 10%, it is **83B3D9**.

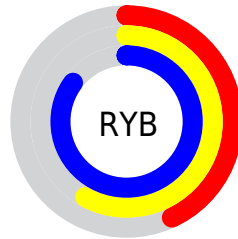
Distribution



Red (43%)

Green (66%)

Blue (85%)



Red (43%)

Yellow (58%)

Blue (85%)

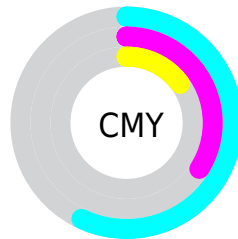


Cyan (50%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (57%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA9D9 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 6DA9D9 by changing the saturation by 10% instead.

 6DA9D9

 6DA9D9

FFFFFF

 508FBD

 A6E0FF

 3275A2


 C3FDFF

 045D88

 E0FFFF

 00456E

FEFFFF

 002F55

 001B3E

 000328

 000112

 000000

■ 6DA9D9

■ 6DA9D9

■ 579FD9

■ 83B3D9

■ 4296D9

■ 98BCD9

■ 2C8CD9

■ AEC6D9

■ 1682D9

■ C4D0D9

■ 0079D9

■ DAD9D9

■ EFE3D9

■ FFEDD9

■ FFF6D9

■ FFFFD9

Harmonies

Analogous

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



4BAFCC



6DA9D9



97A0D8

Triad

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



6DA9D9



DB8F93



85AE7D

Complementary

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



6DA9D9



D99D6D

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.



A5A76E



6DA9D9



D3947B

Square

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



6DA9D9



D38FAF



C09E6D



64B297

Rectangle

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



6DA9D9



B199CF



C09E6D



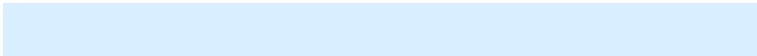
90AC77

Sweetspot

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



6DA9D9



D9EEFF



6DD99C



697580



000000



808080

Same Dimension

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



6DA9D9



66BBFF



6D74D9



63696E



0060AD



00192E

Inverse Universe

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



D96DA9



FF66BB



D9D26D



6E6369



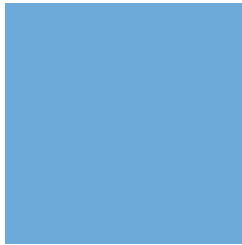
AD0060



2E0019

Previews

White Background



This preview shows how the Hex color 6DA9D9 looks on a white background.

Color Contrast Check

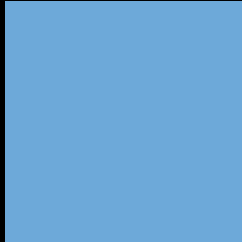
Large Text (above 18pt) WCAG AA × Fail

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 6DA9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

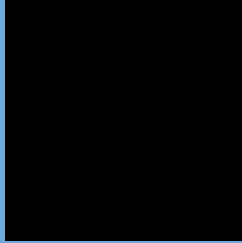
Any Text WCAG AA ✓ Pass

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 6DA9D9 Background



This preview shows how black text looks on a background with the Hex color 6DA9D9.

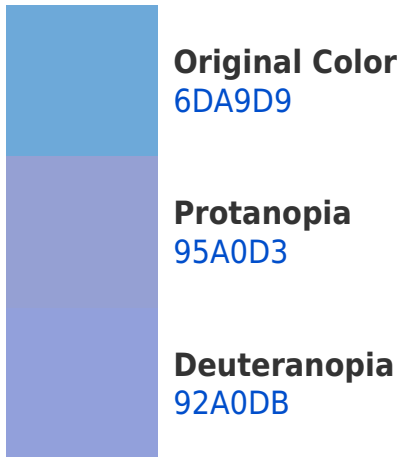


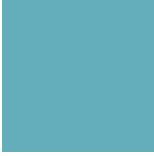
This preview shows how white text looks on a background with the Hex color 6DA9D9.

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](#).

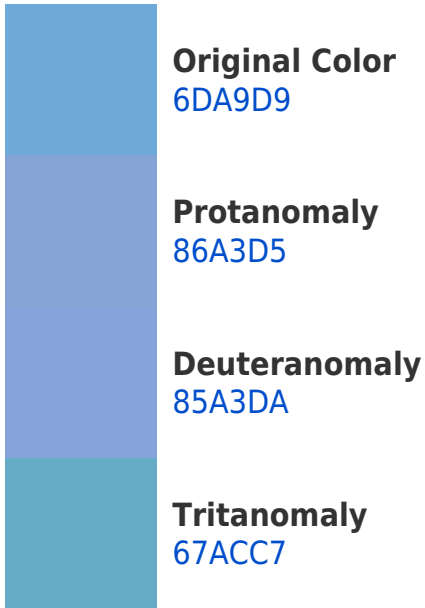
Dichromacy



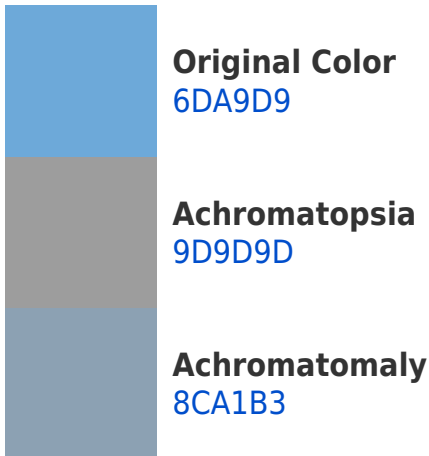


Tritanopia
64AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA9D9 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 #6DA9D9 looks like.

```
.text, #text, p{  
    color:#6DA9D9  
}
```

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 #6DA9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA9D9
}
```

Border

The CSS property to change the border of an element to Hex 6DA9D9 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
#6DA9D9 }
```

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

```
.border{ border-color:#6DA9D9 }
```

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

Here you see how a box with a 4 pixel #6DA9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA9D9; -webkit-box-shadow:4px 4px  
4px 4px #6DA9D9; box-shadow:4px 4px 4px  
4px #6DA9D9 }
```

Background

The CSS property to change the background color of an element to Hex 6DA9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA9D9 }
```

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

```
.background{ background-color:#6DA9D9 }
```

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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