

# Converting Colors

Hex(6DB3DA)

Have a look what the booklet for  
Hex(6DB3DA) contains.

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# **Color**

**Hex(6DB3DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DB3DA
RGB	109, 179, 218
RGB Percent	43%, 70%, 85%
CMY	0.5725, 0.2980, 0.1451
CMYK	0.50, 0.18, 0.00, 0.15
HSL	201°, 60%, 64%
HSV	201°, 50%, 85%
XYZ	35.0817, 40.5534, 72.3082
YIQ	162.5160, -54.2390, -2.7110

# Conversions

## Conversions Part 2

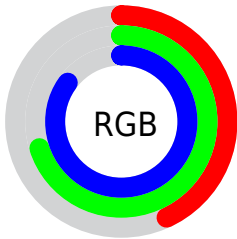
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 152, 218
Decimal	7189466
CIE Lab	69.86, -11.43, -26.45
CIE LCh	70, 28.818, 246.625
Yxy	40.5534, 0.2371, 0.2741
Android (android.graphics.Color)	4285379546 (0xFF6DB3DA)
YUV	162.5160, 27.3536, -46.9335
Hunter-Lab	63.6815, -13.1084, -22.7448

# Details

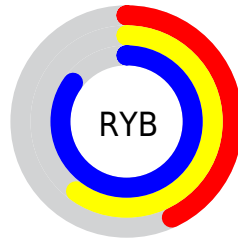
The Hex color **6DB3DA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DA946D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A6EBFF**, and **317EA3** is the 20% darker color. If you saturate the color by 10%, you get **57ABDA**, and if you desaturate by 10%, it is **83BBDA**.

# Distribution



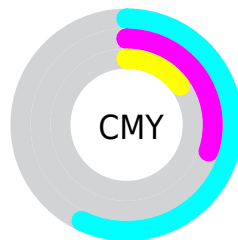
- Red (43%)
- Green (70%)
- Blue (85%)



- Red (43%)
- Yellow (60%)
- Blue (85%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (30%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB3DA 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 6DB3DA by changing the saturation by 10% instead.



■ 6DB3DA

■ 6DB3DA

FFFFFF

■ 5098BE

■ A6EBFF

■ 317EA3

■ C3FFFF

■ 006589

■ E0FFFF

■ 004D6F

FEFFFF

■ 003757

■ 00213F

■ 000329

■ 000113

■ 000000

■ 6DB3DA

■ 6DB3DA

■ 57ABDA

■ 83BBDA

■ 41A3DA

■ 99C3DA

■ 2C9CDA

■ AECADA

■ 1694DA

■ C4D2DA

■ 008CDA

■ DADADA

■ F0E2DA

■ FFEADA

■ FFF1DA

■ FFF9DA

# Harmonies

## Analogous

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



59B8C9



6DB3DA



92ABDE

# Triad

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



6DB3DA



DE97A6



9BB280

# Complementary

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



6DB3DA



DA946D

# 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.



B8AB77



6DB3DA



DD9A8D

# Square

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



6DB3DA



D19AC0



CFA27B



7DB795

# Rectangle

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



6DB3DA



ABA5D9



CFA27B



A5B07B

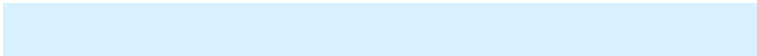


# Sweetspot

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



6DB3DA



D9F1FF



6DDA93



697780



000000



808080

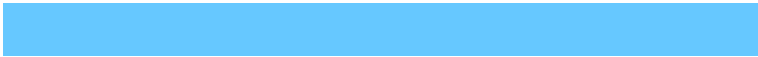


# Same Dimension

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



6DB3DA



66C8FF



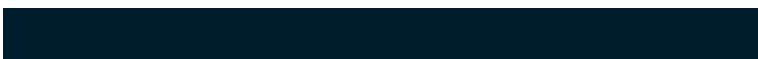
6D7DDA



636A6E



006FAD



001D2E



# Inverse Universe

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



DA6DB3



FF66C8



DACA6D



6E636A



AD006F

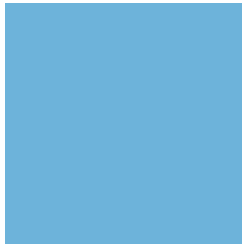


2E001D



# Previews

## White Background



This preview shows how the Hex color 6DB3DA looks on a white background.

## Color Contrast Check

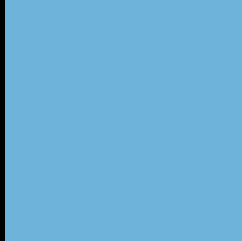
Large Text (above 18pt) WCAG AA × Fail

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 6DB3DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

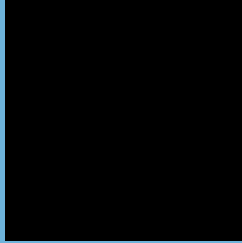
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DB3DA Background



This preview shows how black text looks on a background with the Hex color 6DB3DA.

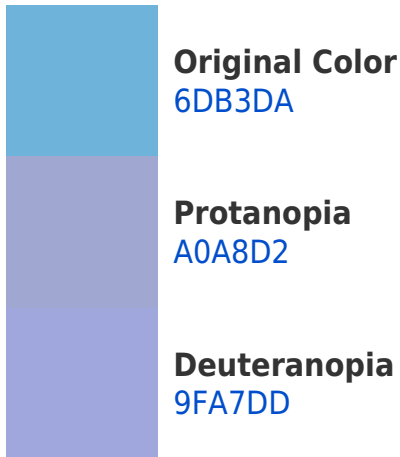


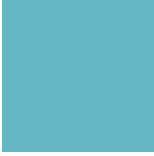
This preview shows how white text looks on a background with the Hex color 6DB3DA.

# 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](#).

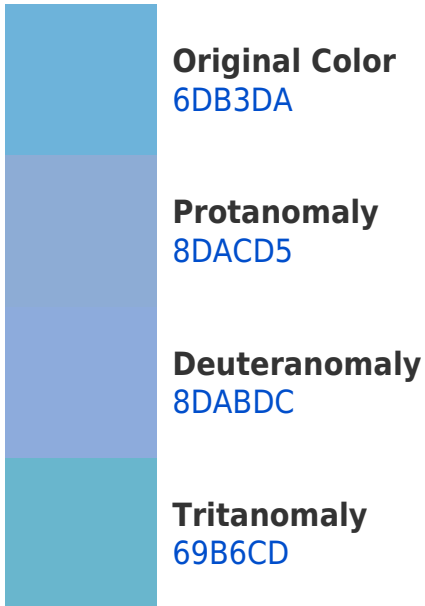
## Dichromacy



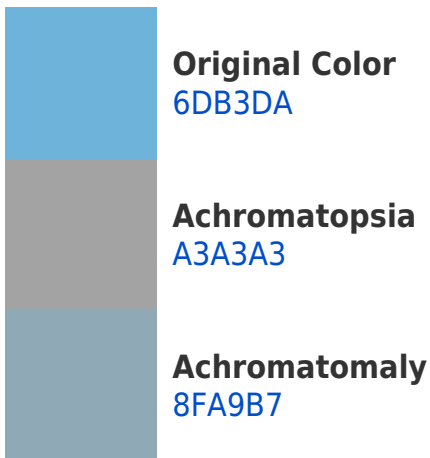


**Tritanopia**  
66B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB3DA 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 #6DB3DA looks like.

```
.text, #text, p{  
    color:#6DB3DA  
}
```

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 #6DB3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB3DA
}
```

## Border

The CSS property to change the border of an element to Hex 6DB3DA 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
#6DB3DA }
```

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

```
.border{ border-color:#6DB3DA }
```

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

Here you see how a box with a 4 pixel #6DB3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB3DA; -webkit-box-shadow:4px 4px  
4px 4px #6DB3DA; box-shadow:4px 4px 4px  
4px #6DB3DA }
```

# Background

The CSS property to change the background color of an element to Hex 6DB3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB3DA }
```

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

```
.background{ background-color:#6DB3DA }
```

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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