

# Converting Colors

Hex(60A0DB)

Have a look what the booklet for  
Hex(60A0DB) contains.

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# **Color**

**Hex(60A0DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A0DB
RGB	96, 160, 219
RGB Percent	38%, 63%, 86%
CMY	0.6235, 0.3725, 0.1412
CMYK	0.56, 0.27, 0.00, 0.14
HSL	209°, 63%, 62%
HSV	209°, 56%, 86%
XYZ	30.1809, 32.7429, 71.7471
YIQ	147.5900, -57.0830, 4.7810

# Conversions

## Conversions Part 2

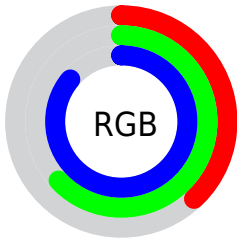
Format	Color
<b>RYB</b>	96, 138, 219
Decimal	6332635
CIELab	63.95, -3.51, -36.19
CIELCh	64, 36.359, 264.466
Yxy	32.7429, 0.2241, 0.2431
Android (android.graphics.Color)	4284522715 (0xFF60A0DB)
YUV	147.5900, 35.2051, -45.2444
Hunter-Lab	57.2214, -5.9894, -34.2859

# Details

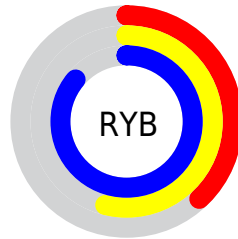
The Hex color **60A0DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DB9B60**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9AD7FF**, and **1C6DA4** is the 20% darker color. If you saturate the color by 10%, you get **4A95DB**, and if you desaturate by 10%, it is **76ABDB**.

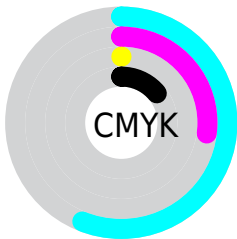
# Distribution



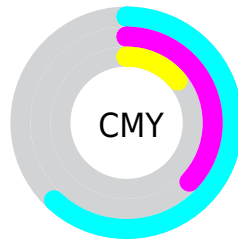
- Red (38%)
- Green (63%)
- Blue (86%)



- Red (38%)
- Yellow (54%)
- Blue (86%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (14%)



- Cyan (62%)
- Magenta (37%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A0DB 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 60A0DB by changing the saturation by 10% instead.



■ 60A0DB

■ 60A0DB

FFFFFF

■ 4186BF

■ 9AD7FF

■ 1C6DA4

■ B7F3FF

■ 005589

■ D5FFFF

■ 003E70

■ F3FFFF

■ 002857

■ 00143F

■ 000329

■ 000113

■ 000000

■ 60A0DB

■ 60A0DB

■ 4A95DB

■ 76ABDB

■ 348BDB

■ 8CB5DB

■ 1E80DB

■ A2C0DB

■ 0876DB

■ B8CADB

■ 0072DB

■ CDD5DB

■ E3DFDB

■ F9EADB

■ FFF4DB

■ FFFFDB

# Harmonies

## Analogous

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



1DA8CF



60A0DB



9695D6

# Triad

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



60A0DB



DA8382



6FA874

# Complementary

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



60A0DB



DB9B60

# 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.



95A15F



60A0DB



CE8C67

# Square

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



60A0DB



D582A2



B6975A



42AC94

# Rectangle

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



60A0DB



B28DC9



B6975A



7CA66C

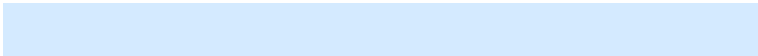


# Sweetspot

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



60A0DB



D4EAFF



60DB99



667380



000000



808080



# Same Dimension

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



60A0DB



54ADFF



6064DB



63686E



005AAD



00182E



# Inverse Universe

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



DB60A0



FF54AD



DBD760



6E6368



AD005A



2E0018



# Previews

## White Background



This preview shows how the Hex color 60A0DB looks on a white background.

## Color Contrast Check

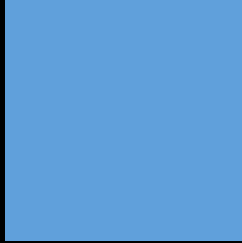
Large Text (above 18pt) WCAG AA × Fail

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 60A0DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

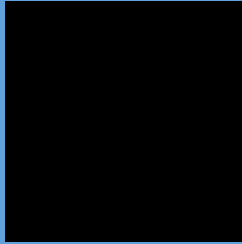
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

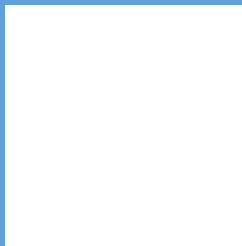
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60A0DB Background



This preview shows how black text looks on a background with the Hex color 60A0DB.

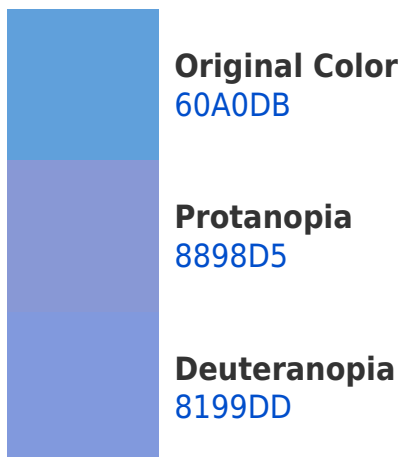


This preview shows how white text looks on a background with the Hex color 60A0DB.

# 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](#).

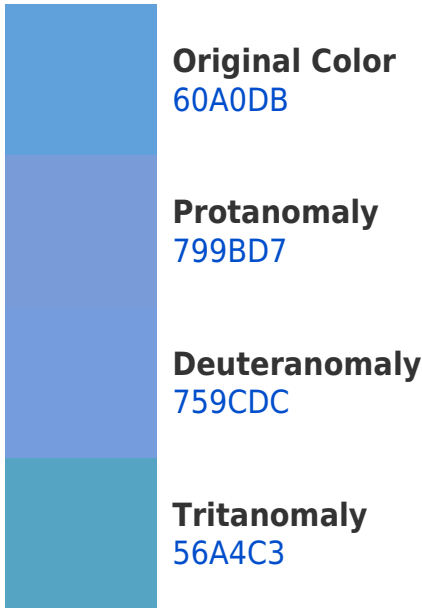
## Dichromacy



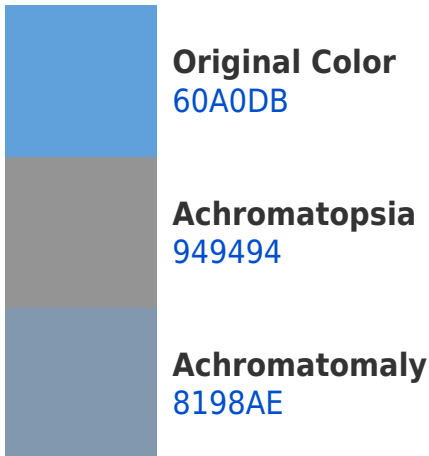


**Tritanopia**  
51A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A0DB 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 #60A0DB looks like.

```
.text, #text, p{  
    color:#60A0DB  
}
```

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 #60A0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A0DB
}
```

## Border

The CSS property to change the border of an element to Hex 60A0DB 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
#60A0DB }
```

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

```
.border{ border-color:#60A0DB }
```

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

Here you see how a box with a 4 pixel #60A0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A0DB; -webkit-box-shadow:4px 4px  
4px 4px #60A0DB; box-shadow:4px 4px 4px  
4px #60A0DB }
```

# Background

The CSS property to change the background color of an element to Hex 60A0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A0DB }
```

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

```
.background{ background-color:#60A0DB }
```

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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