

# Converting Colors

Hex(6BA3D9)

Have a look what the booklet for  
Hex(6BA3D9) contains.

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# **Color**

**Hex(6BA3D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6BA3D9
RGB	107, 163, 217
RGB Percent	42%, 64%, 85%
CMY	0.5804, 0.3608, 0.1490
CMYK	0.51, 0.25, 0.00, 0.15
HSL	209°, 59%, 64%
HSV	209°, 51%, 85%
XYZ	31.6850, 34.3299, 70.6020
YIQ	152.4120, -50.7100, 4.9220

# Conversions

## Conversions Part 2

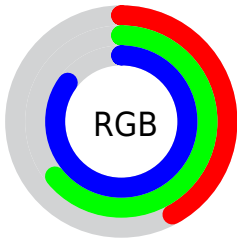
Format	Color
R <sub>YB</sub>	107, 144, 217
Decimal	7054297
CIE Lab	65.22, -3.41, -33.07
CIE LCh	65, 33.242, 264.110
Yxy	34.3299, 0.2319, 0.2513
Android (android.graphics.Color)	4285244377 (0xFF6BA3D9)
YUV	152.4120, 31.8419, -39.8263
Hunter-Lab	58.5918, -6.0072, -30.4291

# Details

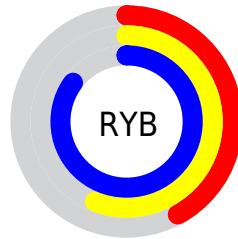
The Hex color **6BA3D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9A16B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A4DAFF**, and **2F70A2** is the 20% darker color. If you saturate the color by 10%, you get **5598D9**, and if you desaturate by 10%, it is **81AED9**.

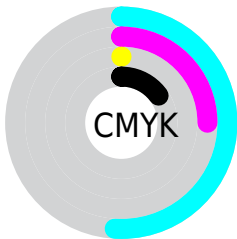
# Distribution



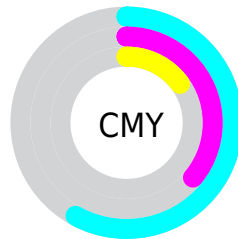
- Red (42%)
- Green (64%)
- Blue (85%)



- Red (42%)
- Yellow (56%)
- Blue (85%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (36%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA3D9 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 6BA3D9 by changing the saturation by 10% instead.



 6BA3D9

 6BA3D9

FFFFFF

 4E89BD

 A4DAFF

 2F70A2

 C1F6FF

 005787

 DEFFFF

 00406E

 FCFFFF

 002B55

 00163E

 000327

 000111

 000000

■ 6BA3D9

■ 6BA3D9

■ 5598D9

■ 81AED9

■ 408ED9

■ 96B8D9

■ 2A83D9

■ ACC3D9

■ 1478D9

■ C2CED9

■ 006ED9

■ D8D8D9

■ EDE3D9

■ FFEED9

■ FFF8D9

■ FFFF9D

# Harmonies

## Analogous

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



3DAACE



6BA3D9



9A99D5

# Triad

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



6BA3D9



D98988



77AB7A

# Complementary

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



6BA3D9



D9A16B

# 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.



9AA467



6BA3D9



CE906F

# Square

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



6BA3D9



D488A5



B89A63



52AE97

# Rectangle

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



6BA3D9



B492C9



B89A63



83A973



# Sweetspot

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



6BA3D9



D9ECFF



6BD9A0



697480



000000



808080



# Same Dimension

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



6BA3D9



63B3FF



6B6DD9



63686E



0058AD



00172E



# Inverse Universe

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



D96BA3



FF63B3



D9D76B



6E6368



AD0058

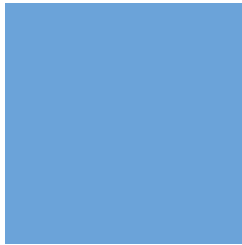


2E0017



# Previews

## White Background



This preview shows how the Hex color 6BA3D9 looks on a white background.

## Color Contrast Check

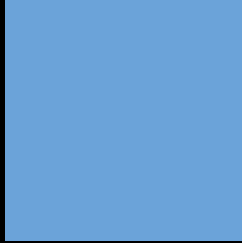
Large Text (above 18pt) WCAG AA × Fail

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 6BA3D9 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 6BA3D9 Background



This preview shows how black text looks on a background with the Hex color 6BA3D9.

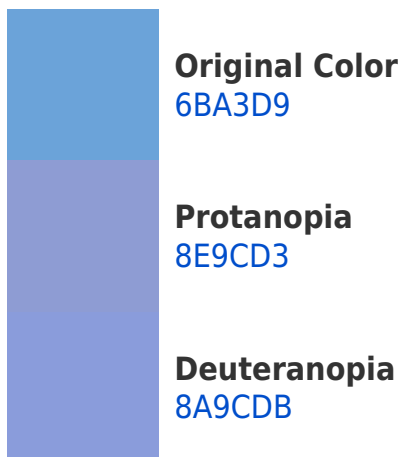


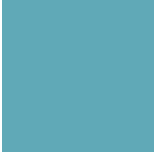
This preview shows how white text looks on a background with the Hex color 6BA3D9.

# 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](#).

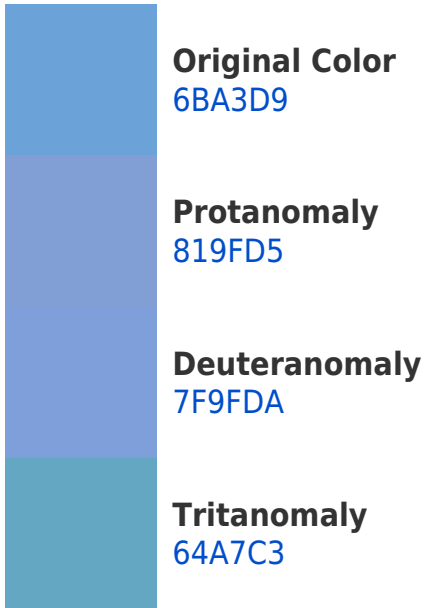
## Dichromacy



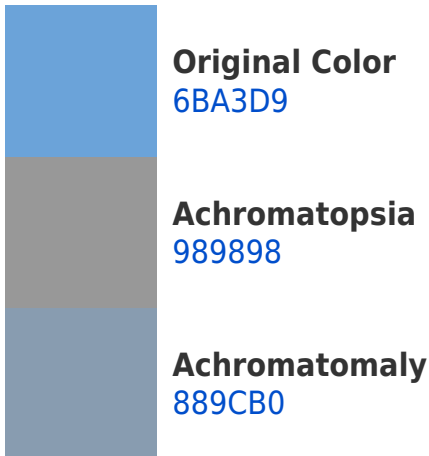


**Tritanopia**  
60A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA3D9 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 #6BA3D9 looks like.

```
.text, #text, p{  
    color:#6BA3D9  
}
```

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 #6BA3D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA3D9
}
```

## Border

The CSS property to change the border of an element to Hex 6BA3D9 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
#6BA3D9 }
```

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

```
.border{ border-color:#6BA3D9 }
```

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

Here you see how a box with a 4 pixel #6BA3D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA3D9; -webkit-box-shadow:4px 4px  
4px 4px #6BA3D9; box-shadow:4px 4px 4px  
4px #6BA3D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA3D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA3D9 }
```

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

```
.background{ background-color:#6BA3D9 }
```

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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