

Converting Colors

Hex(6BA3D8)

Have a look what the booklet for
Hex(6BA3D8) contains.

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Color

Hex(6BA3D8)

Conversions

Conversions Part 1

Format	Color
Hex	6BA3D8
RGB	107, 163, 216
RGB Percent	42%, 64%, 85%
CMY	0.5804, 0.3608, 0.1529
CMYK	0.50, 0.25, 0.00, 0.15
HSL	209°, 58%, 63%
HSV	209°, 50%, 85%
XYZ	31.5553, 34.2781, 69.9189
YIQ	152.2980, -50.3890, 4.6110

Conversions

Conversions Part 2

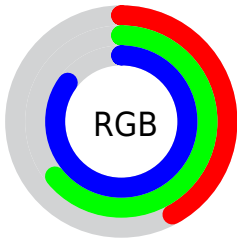
Format	Color
RYB	107, 144, 216
Decimal	7054296
CIELab	65.18, -3.71, -32.58
CIELCh	65, 32.788, 263.505
Yxy	34.2781, 0.2324, 0.2525
Android (android.graphics.Color)	4285244376 (0xFF6BA3D8)
YUV	152.2980, 31.4051, -39.7263
Hunter-Lab	58.5475, -6.2521, -29.8225

Details

The Hex color **6BA3D8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8A06B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A4DAFF**, and **3070A1** is the 20% darker color. If you saturate the color by 10%, you get **5598D8**, and if you desaturate by 10%, it is **81AED8**.

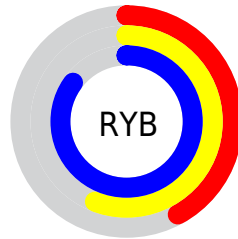
Distribution



Red (42%)

Green (64%)

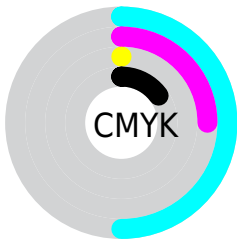
Blue (85%)



Red (42%)

Yellow (56%)

Blue (85%)

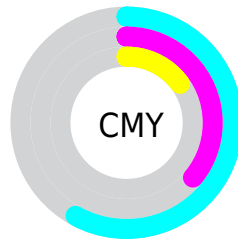


Cyan (50%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (58%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA3D8 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 6BA3D8 by changing the saturation by 10% instead.

■ 6BA3D8

■ 6BA3D8

FFFFFF

■ 4E89BC

■ A4DAFF

■ 3070A1

■ C1F6FF

■ 005787

■ DEFFFF

■ 00406D

■ FBFFFF

■ 002A54

■ 00163D

■ 000327

■ 000110

■ 000000

■ 6BA3D8

■ 6BA3D8

■ 5598D8

■ 81AED8

■ 408ED8

■ 96B8D8

■ 2A83D8

■ ACC3D8

■ 1579D8

■ C1CDD8

■ 006FD8

■ D7D8D8

■ EDE2D8

■ FFEDD8

■ FFF7D8

■ FFFFD8

Harmonies

Analogous

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



3FAACD



6BA3D8



9999D4

Triad

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



6BA3D8



D88988



78AA7A

Complementary

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



6BA3D8



D8A06B

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.



9AA468



6BA3D8



CE9070

Square

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



6BA3D8



D388A6



B89A64



54AE97

Rectangle

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



6BA3D8



B392C9



B89A64



84A873

Sweetspot

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



6BA3D8



D9ECFF



6BD8A0



697480



000000



808080

Same Dimension

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



6BA3D8



63B3FF



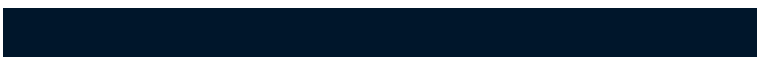
6B6DD8



60666B



0058AB



00162B

Inverse Universe

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



D86BA3



FF63B3



D8D66B



6B6066



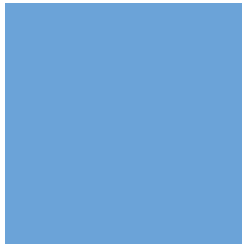
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 6BA3D8 looks on a white background.

Color Contrast Check

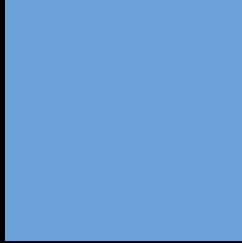
Large Text (above 18pt) WCAG AA × Fail

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 6BA3D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

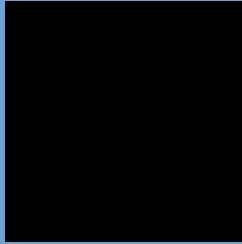
Any Text WCAG AA ✓ Pass

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 6BA3D8 Background



This preview shows how black text looks on a background with the Hex color 6BA3D8.

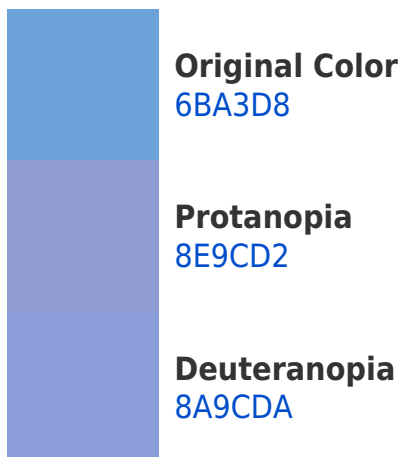


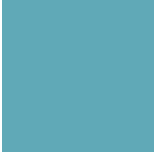
This preview shows how white text looks on a background with the Hex color 6BA3D8.

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](#).

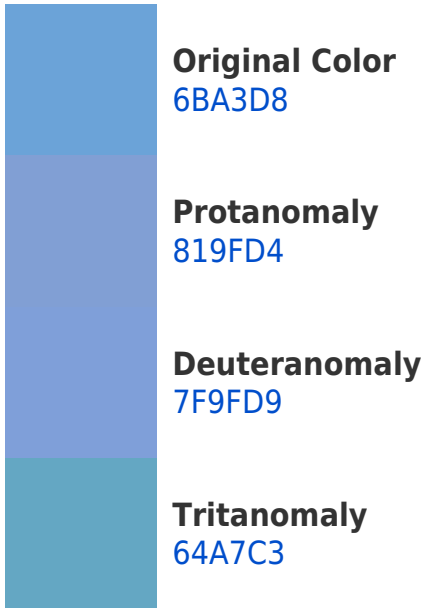
Dichromacy



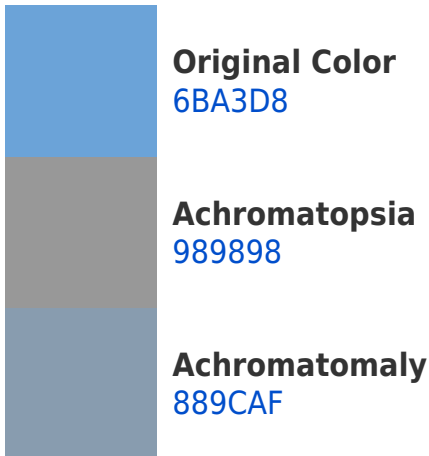


Tritanopia
60A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA3D8 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 #6BA3D8 looks like.

```
.text, #text, p{  
    color:#6BA3D8  
}
```

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 #6BA3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA3D8
}
```

Border

The CSS property to change the border of an element to Hex 6BA3D8 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
#6BA3D8 }
```

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

```
.border{ border-color:#6BA3D8 }
```

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

Here you see how a box with a 4 pixel #6BA3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA3D8; -webkit-box-shadow:4px 4px  
4px 4px #6BA3D8; box-shadow:4px 4px 4px  
4px #6BA3D8 }
```

Background

The CSS property to change the background color of an element to Hex 6BA3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA3D8 }
```

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

```
.background{ background-color:#6BA3D8 }
```

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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