

Converting Colors

Hex(64B9E1)

Have a look what the booklet for
Hex(64B9E1) contains.

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Color

Hex(64B9E1)

Conversions

Conversions Part 1

Format	Color
Hex	64B9E1
RGB	100, 185, 225
RGB Percent	39%, 73%, 88%
CMY	0.6078, 0.2745, 0.1176
CMYK	0.56, 0.18, 0.00, 0.12
HSL	199°, 68%, 64%
HSV	199°, 56%, 88%
XYZ	36.1951, 42.8435, 77.5961
YIQ	164.1450, -63.5000, -5.5800

Conversions

Conversions Part 2

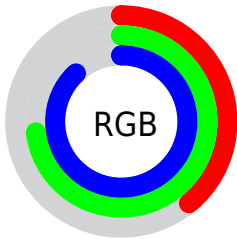
Format	Color
RYB	100, 151, 225
Decimal	6601185
CIELab	71.45, -14.52, -27.87
CIELCh	71, 31.426, 242.485
Yxy	42.8435, 0.2311, 0.2735
Android (android.graphics.Color)	4284791265 (0xFF64B9E1)
YUV	164.1450, 30.0015, -56.2552
Hunter-Lab	65.4549, -15.8397, -24.4692

Details

The Hex color **64B9E1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E18C64**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9FF1FF**, and **1F84AA** is the 20% darker color. If you saturate the color by 10%, you get **4EB2E1**, and if you desaturate by 10%, it is **7BC0E1**.

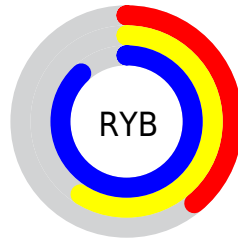
Distribution



Red (39%)

Green (73%)

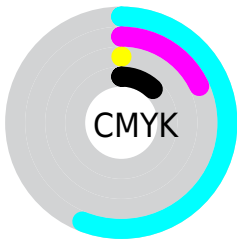
Blue (88%)



Red (39%)

Yellow (59%)

Blue (88%)

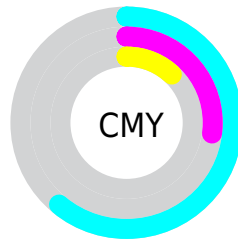


Cyan (56%)

Magenta (18%)

Yellow (0%)

Black (12%)



Cyan (61%)

Magenta (27%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B9E1 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 64B9E1 by changing the saturation by 10% instead.

64B9E1

64B9E1

FFFFFF

459EC5

9FF1FF

1F84AA

BCFFFF

006B8F

DAFFFF

005275

F8FFFF

003B5C

002645

000D2E

000119

000000

■ 64B9E1

■ 64B9E1

■ 4EB2E1

■ 7BC0E1

■ 37ABE1

■ 91C7E1

■ 20A3E1

■ A8CFE1

■ 0A9CE1

■ BED6E1

■ 0099E1

■ D4DDE1

■ EBE4E1

■ FFEBE1

■ FFF3E1

■ FFFAE1

Harmonies

Analogous

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



51BECD



64B9E1



8DB1E8

Triad

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



64B9E1



E69AAE



A2B67E

Complementary

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



64B9E1



E18C64

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.



C1AE76



64B9E1



E79C92

Square

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



64B9E1



D69ECA



D9A47D



81BC94

Rectangle

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



64B9E1



A9AAE4



D9A47D



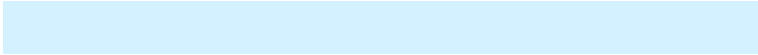
ADB479

Sweetspot

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



64B9E1



D4F1FF



64E18C



667780



000000



808080

Same Dimension

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



64B9E1



54C8FF



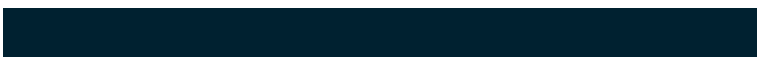
647BE1



656D70



0078B0



002130

Inverse Universe

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



E164B9



FF54C8



E1CA64



70656D



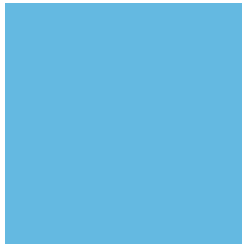
B00078



300021

Previews

White Background



This preview shows how the Hex color 64B9E1 looks on a white background.

Color Contrast Check

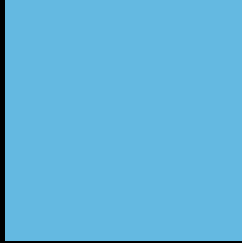
Large Text (above 18pt) WCAG AA × Fail

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 64B9E1 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 64B9E1 Background



This preview shows how black text looks on a background with the Hex color 64B9E1.

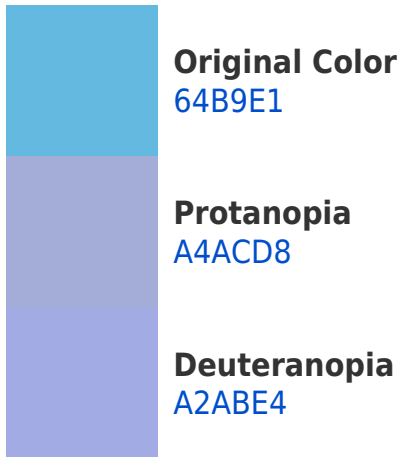


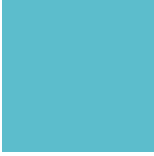
This preview shows how white text looks on a background with the Hex color 64B9E1.

Color Blindness Simulation

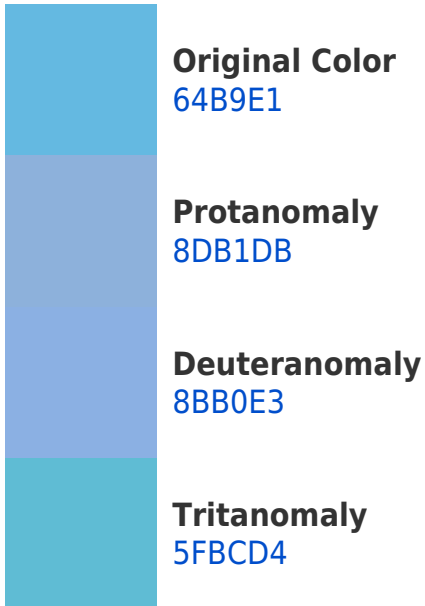
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

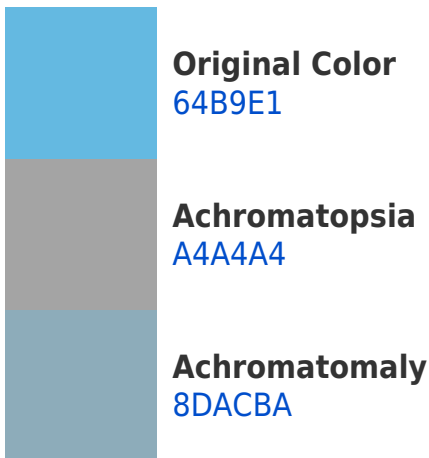




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B9E1 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 #64B9E1 looks like.

```
.text, #text, p{  
    color:#64B9E1  
}
```

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 #64B9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B9E1
}
```

Border

The CSS property to change the border of an element to Hex 64B9E1 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
#64B9E1 }
```

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

```
.border{ border-color:#64B9E1 }
```

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

Here you see how a box with a 4 pixel #64B9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B9E1; -webkit-box-shadow:4px 4px  
4px 4px #64B9E1; box-shadow:4px 4px 4px  
4px #64B9E1 }
```

Background

The CSS property to change the background color of an element to Hex 64B9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B9E1 }
```

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

```
.background{ background-color:#64B9E1 }
```

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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