

Converting Colors

Hex(63B2E3)

Have a look what the booklet for
Hex(63B2E3) contains.

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Color

Hex(63B2E3)

Conversions

Conversions Part 1

Format	Color
Hex	63B2E3
RGB	99, 178, 227
RGB Percent	39%, 70%, 89%
CMY	0.6118, 0.3020, 0.1098
CMYK	0.56, 0.22, 0.00, 0.11
HSL	203°, 70%, 64%
HSV	203°, 56%, 89%
XYZ	34.9311, 40.0395, 78.5604
YIQ	159.9650, -62.8130, -1.5090

Conversions

Conversions Part 2

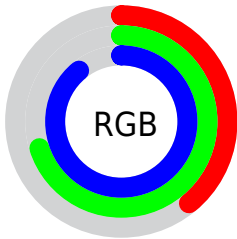
Format	Color
R _Y B	99, 148, 227
Decimal	6533859
CIE Lab	69.50, -10.38, -31.97
CIE LCh	69, 33.614, 252.018
Yxy	40.0395, 0.2275, 0.2608
Android (android.graphics.Color)	4284723939 (0xFF63B2E3)
YUV	159.9650, 33.0483, -53.4663
Hunter-Lab	63.2768, -12.1957, -29.3169

Details

The Hex color **63B2E3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E39463**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9EEAFF**, and **1D7DAB** is the 20% darker color. If you saturate the color by 10%, you get **4CA9E3**, and if you desaturate by 10%, it is **7ABBE3**.

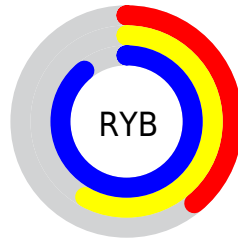
Distribution



Red (39%)

Green (70%)

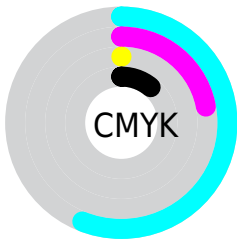
Blue (89%)



Red (39%)

Yellow (58%)

Blue (89%)

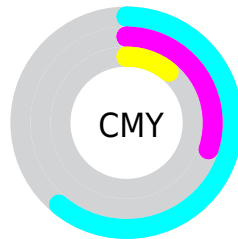


Cyan (56%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B2E3 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 63B2E3 by changing the saturation by 10% instead.

■ 63B2E3

■ 63B2E3

FFFFFF

■ 4497C7

■ 9EEAFF

■ 1D7DAB

■ BBFFFF

■ 006591

■ D9FFFF

■ 004D77

■ F7FFFF

■ 00365E

■ 002146

■ 000430

■ 00011A

■ 000000

■ 63B2E3

■ 63B2E3

■ 4CA9E3

■ 7ABBE3

■ 36A1E3

■ 90C3E3

■ 1F98E3

■ A7CCE3

■ 088FE3

■ BED5E3

■ 008CE3

■ D4DDE3

■ EBE6E3

■ FFEFE3

■ FFF8E3

■ FFFF E3

Harmonies

Analogous

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



40B8D2



63B2E3



93A8E5

Triad

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



63B2E3



E6939E



90B47C

Complementary

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



63B2E3



E39463

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.



B2AC6E



63B2E3



E19882

Square

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



63B2E3



DA95BD



CEA270



6CB996

Rectangle

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



63B2E3



B0A1DD



CEA270



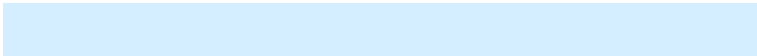
9CB275

Sweetspot

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



63B2E3



D4EEFF



63E392



667680



000000



808080

Same Dimension

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



63B2E3



52BDFF



6374E3



676E73



006EB3



001F33

Inverse Universe

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



E363B2



FF52BD



E3D263



73676E



B3006E



33001F

Previews

White Background



This preview shows how the Hex color 63B2E3 looks on a white background.

Color Contrast Check

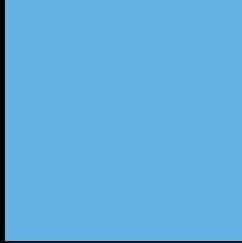
Large Text (above 18pt) WCAG AA × Fail

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 63B2E3 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

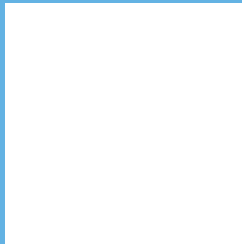
Any Text WCAG AAA ✓ Pass

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

Hex 63B2E3 Background



This preview shows how black text looks on a background with the Hex color 63B2E3.

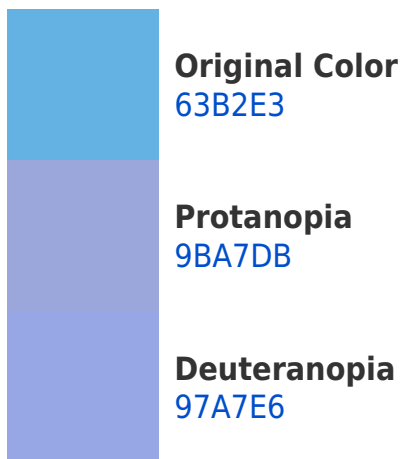


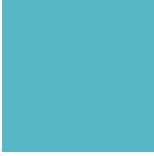
This preview shows how white text looks on a background with the Hex color 63B2E3.

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](#).

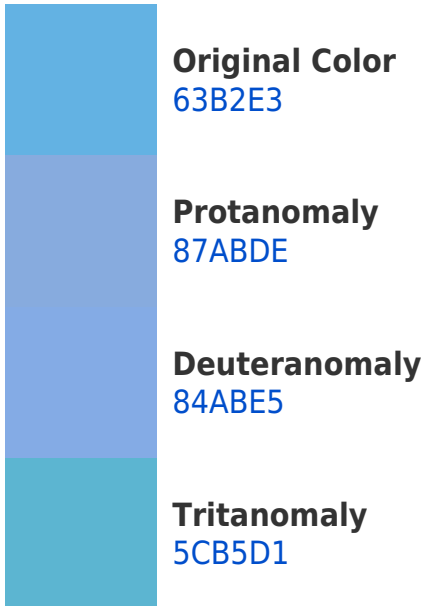
Dichromacy



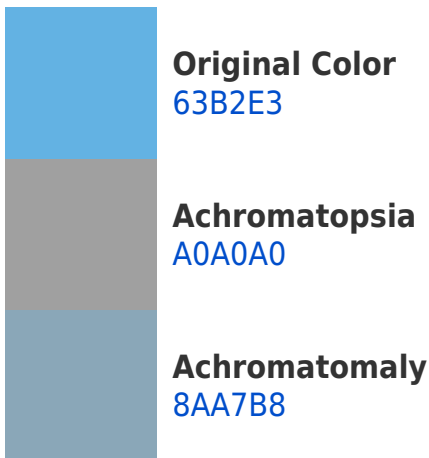


Tritanopia
58B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B2E3 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 #63B2E3 looks like.

```
.text, #text, p{  
    color:#63B2E3  
}
```

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 #63B2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B2E3
}
```

Border

The CSS property to change the border of an element to Hex 63B2E3 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
#63B2E3 }
```

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

```
.border{ border-color:#63B2E3 }
```

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

Here you see how a box with a 4 pixel #63B2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B2E3; -webkit-box-shadow:4px 4px  
4px 4px #63B2E3; box-shadow:4px 4px 4px  
4px #63B2E3 }
```

Background

The CSS property to change the background color of an element to Hex 63B2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B2E3 }
```

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

```
.background{ background-color:#63B2E3 }
```

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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