

Converting Colors

Hex(64C5E3)

Have a look what the booklet for
Hex(64C5E3) contains.

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Color

Hex(64C5E3)

Conversions

Conversions Part 1

Format	Color
Hex	64C5E3
RGB	100, 197, 227
RGB Percent	39%, 77%, 89%
CMY	0.6078, 0.2275, 0.1098
CMYK	0.56, 0.13, 0.00, 0.11
HSL	194°, 69%, 64%
HSV	194°, 56%, 89%
XYZ	39.0869, 48.1879, 79.9141
YIQ	171.4170, -67.4420, -11.2340

Conversions

Conversions Part 2

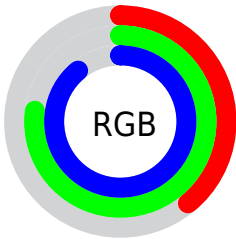
Format	Color
RYB	100, 155, 227
Decimal	6604259
CIELab	74.94, -20.18, -23.61
CIELCh	75, 31.054, 229.482
Yxy	48.1879, 0.2338, 0.2882
Android (android.graphics.Color)	4284794339 (0xFF64C5E3)
YUV	171.4170, 27.4024, -62.6327
Hunter-Lab	69.4175, -20.9726, -19.6630

Details

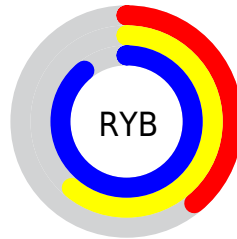
The Hex color **64C5E3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E38264**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A0FEFF**, and **1C8FAC** is the 20% darker color. If you saturate the color by 10%, you get **4DC0E3**, and if you desaturate by 10%, it is **7BCAE3**.

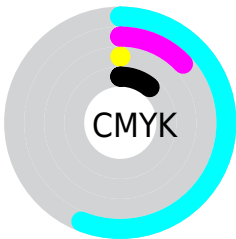
Distribution



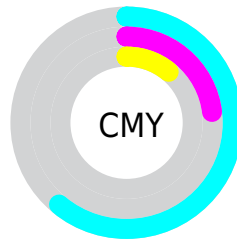
- Red (39%)
- Green (77%)
- Blue (89%)



- Red (39%)
- Yellow (61%)
- Blue (89%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C5E3 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 64C5E3 by changing the saturation by 10% instead.

 64C5E3

 64C5E3

FFFFFF

 44AAC7

 A0FEFF

 1C8FAC

 BDFFFF

 007591

 DBFFFF

 005D77

 F9FFFF

 00455E

 002E47

 001B30

 00011B

 000000

■ 64C5E3

■ 64C5E3

■ 4DC0E3

■ 7BCAE3

■ 37BAE3

■ 91D0E3

■ 20B5E3

■ A8D5E3

■ 09B0E3

■ BFDAE3

■ 00ADE3

■ D5E0E3

■ ECE5E3

■ FFEBE3

■ FFF0E3

■ FFF5E3

Harmonies

Analogous

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



60C8CA



64C5E3



85BEF0

Triad

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



64C5E3



EBA4C4



BABD82

Complementary

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



64C5E3



E38264

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.



D6B381



64C5E3



F2A4A7

Square

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



64C5E3



D3ABDE



EAAA8E



99C493

Rectangle

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



64C5E3



A1B8F0



EAAA8E



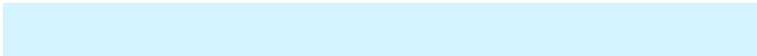
C4BA80

Sweetspot

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



64C5E3



D4F5FF



64E382



667980



000000



808080

Same Dimension

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



64C5E3



54D7FF



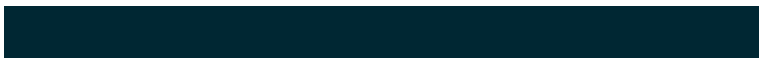
6486E3



677073



0088B3



002733

Inverse Universe

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



E364C5



FF54D7



E3C164



736770



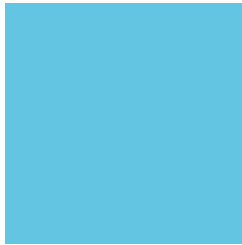
B30088



330027

Previews

White Background



This preview shows how the Hex color 64C5E3 looks on a white background.

Color Contrast Check

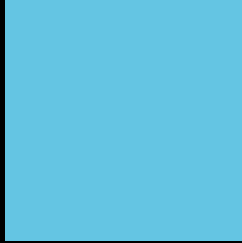
Large Text (above 18pt) WCAG AA × Fail

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 64C5E3 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 64C5E3 Background



This preview shows how black text looks on a background with the Hex color 64C5E3.

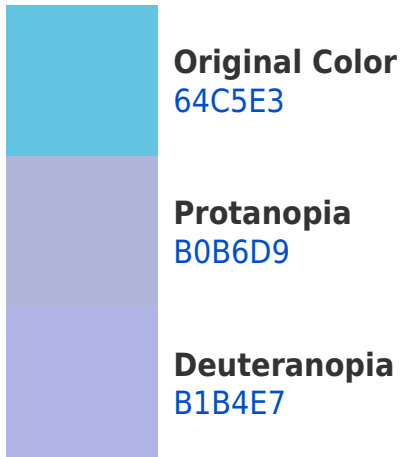


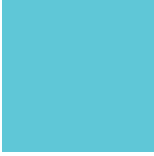
This preview shows how white text looks on a background with the Hex color 64C5E3.

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](#).

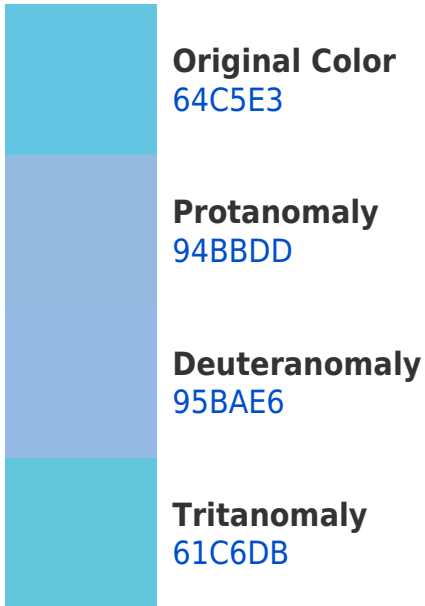
Dichromacy



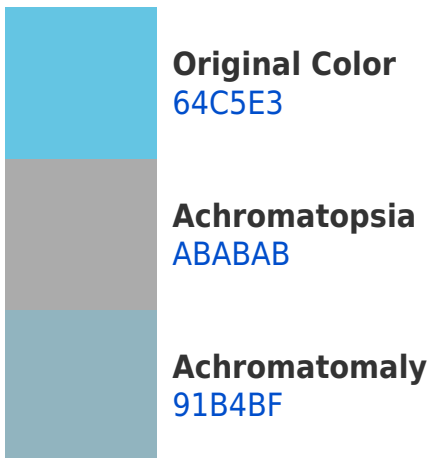


Tritanopia
5FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C5E3 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 #64C5E3 looks like.

```
.text, #text, p{  
    color:#64C5E3  
}
```

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 #64C5E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C5E3
}
```

Border

The CSS property to change the border of an element to Hex 64C5E3 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
#64C5E3 }
```

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

```
.border{ border-color:#64C5E3 }
```

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

Here you see how a box with a 4 pixel #64C5E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C5E3; -webkit-box-shadow:4px 4px  
4px 4px #64C5E3; box-shadow:4px 4px 4px  
4px #64C5E3 }
```

Background

The CSS property to change the background color of an element to Hex 64C5E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C5E3 }
```

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

```
.background{ background-color:#64C5E3 }
```

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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