

Converting Colors

Hex(64CBE6)

Have a look what the booklet for
Hex(64CBE6) contains.

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Color

Hex(64CBE6)

Conversions

Conversions Part 1

Format	Color
Hex	64CBE6
RGB	100, 203, 230
RGB Percent	39%, 80%, 90%
CMY	0.6078, 0.2039, 0.0980
CMYK	0.57, 0.12, 0.00, 0.10
HSL	192°, 72%, 65%
HSV	192°, 57%, 90%
XYZ	40.8944, 51.1344, 82.5775
YIQ	175.2810, -70.0550, -13.4390

Conversions

Conversions Part 2

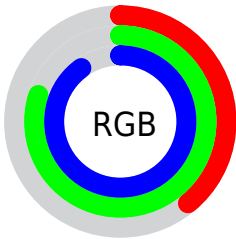
Format	Color
RYB	100, 157, 230
Decimal	6605798
CIELab	76.76, -22.36, -22.46
CIELCh	77, 31.692, 225.121
Yxy	51.1344, 0.2342, 0.2929
Android (android.graphics.Color)	4284795878 (0xFF64CBE6)
YUV	175.2810, 26.9765, -66.0214
Hunter-Lab	71.5083, -23.0584, -18.4120

Details

The Hex color **64CBE6** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **E67F64**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A0FFFF**, and **1995AE** is the 20% darker color. If you saturate the color by 10%, you get **4DC6E6**, and if you desaturate by 10%, it is **7BD0E6**.

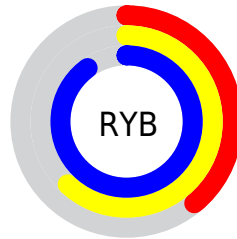
Distribution



Red (39%)

Green (80%)

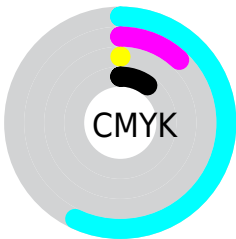
Blue (90%)



Red (39%)

Yellow (62%)

Blue (90%)

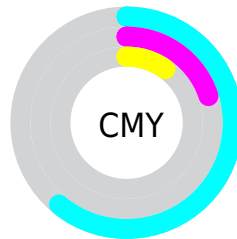


Cyan (57%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (61%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CBE6 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 64CBE6 by changing the saturation by 10% instead.

 64CBE6

 64CBE6

FFFFFF

 44AFCA

 A0FFFF

 1995AE

 BEFFFF

 007B94

 DCFFFF

 00627A

 FAFFFF

 004A61

 003349

 001F32

 00021E

 000000

 64CBE6

 64CBE6

 4DC6E6

 7BD0E6

 36C1E6

 92D5E6

 1FBDE6

 A9D9E6

 08B8E6

 C0DEE6

 00B6E6

 D7E3E6

 EEE8E6

 FFECE6

 FFF1E6

 FFF6E6

Harmonies

Analogous

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



65CECC



64CBE6



83C5F5

Triad

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



64CBE6



EEA9CD



C3C084

Complementary

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



64CBE6



E67F64

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.



DFB785



64CBE6



F8A8AF

Square

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



64CBE6



D4B1E7



F2AD95



A2C893

Rectangle

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



64CBE6



9FBEF7



F2AD95



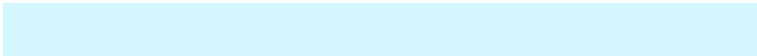
CDBD83

Sweetspot

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



64CBE6



D4F6FF



64E67E



667A80



000000



808080

Same Dimension

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



64CBE6



52DBFF



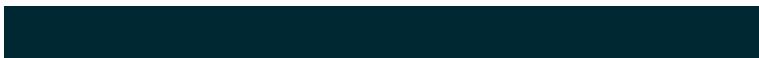
648BE6



677073



008DB3



002833

Inverse Universe

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



E664CB



FF52DB



E6BF64



736770



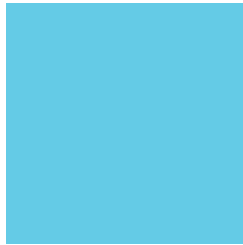
B3008D



330028

Previews

White Background



This preview shows how the Hex color 64CBE6 looks on a white background.

Color Contrast Check

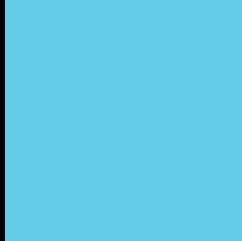
Large Text (above 18pt) WCAG AA × Fail

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 64CBE6 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 64CBE6 Background



This preview shows how black text looks on a background with the Hex color 64CBE6.



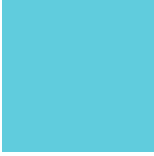
This preview shows how white text looks on a background with the Hex color 64CBE6.

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
60CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64CBE6 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 #64CBE6 looks like.

```
.text, #text, p{  
    color:#64CBE6  
}
```

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 #64CBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CBE6
}
```

Border

The CSS property to change the border of an element to Hex 64CBE6 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
#64CBE6 }
```

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

```
.border{ border-color:#64CBE6 }
```

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

Here you see how a box with a 4 pixel #64CBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CBE6; -webkit-box-shadow:4px 4px  
4px 4px #64CBE6; box-shadow:4px 4px 4px  
4px #64CBE6 }
```

Background

The CSS property to change the background color of an element to Hex 64CBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CBE6 }
```

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

```
.background{ background-color:#64CBE6 }
```

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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