

Converting Colors

Hex(63C6D2)

Have a look what the booklet for
Hex(63C6D2) contains.

Hex(63C6D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63C6D2)

Conversions

Conversions Part 1

Format	Color
Hex	63C6D2
RGB	99, 198, 210
RGB Percent	39%, 78%, 82%
CMY	0.6118, 0.2235, 0.1765
CMYK	0.53, 0.06, 0.00, 0.18
HSL	186°, 55%, 61%
HSV	186°, 53%, 82%
XYZ	36.9725, 47.6940, 68.2300
YIQ	169.7670, -62.8560, -17.2560

Conversions

Conversions Part 2

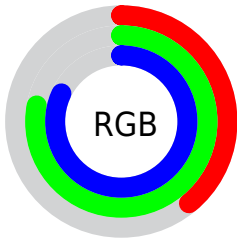
Format	Color
RYB	99, 151, 210
Decimal	6538962
CIELab	74.63, -25.66, -14.89
CIElCh	75, 29.666, 210.117
Yxy	47.6940, 0.2418, 0.3119
Android (android.graphics.Color)	4284729042 (0xFF63C6D2)
YUV	169.7670, 19.8349, -62.0627
Hunter-Lab	69.0608, -25.2943, -10.2341

Details

The Hex color **63C6D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D26F63**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9EFFFF**, and **1F909C** is the 20% darker color. If you saturate the color by 10%, you get **4EC4D2**, and if you desaturate by 10%, it is **78C8D2**.

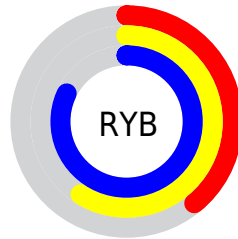
Distribution



Red (39%)

Green (78%)

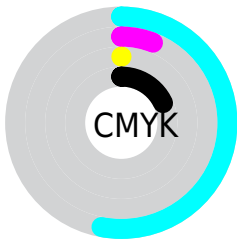
Blue (82%)



Red (39%)

Yellow (59%)

Blue (82%)

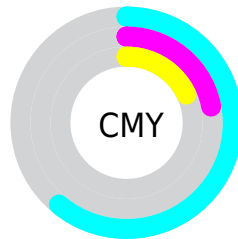


Cyan (53%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (61%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C6D2 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 63C6D2 by changing the saturation by 10% instead.

 63C6D2

 63C6D2

FFFFFF

 44ABB6

 9EFFFF

 1F909C

 BBFFFF

 007682

 D8FFFF

 005D68

 F6FFFF

 004550

 002E39

 001A24

 00010D

 000000

 63C6D2

 63C6D2

 4EC4D2

 78C8D2

 39C1D2

 8DCBD2

 24BFD2

 A2CDD2

 0FBDD2

 B7CFD2

 00BBD2

 CCD1D2

 E1D4D2

 F6D6D2

 FFD8D2

 FFDAD2

Harmonies

Analogous

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



72C7B7



63C6D2



71C2E6

Triad

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



63C6D2



DBA8D3



CBB681

Complementary

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



63C6D2



D26F63

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.



E2AD89



63C6D2



ECA4B9

Square

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



63C6D2



BCB1E7



EEA69E



AEBE88

Rectangle

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



63C6D2



88BDED



EEA69E



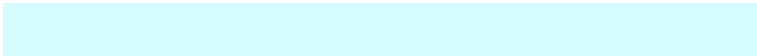
D4B382

Sweetspot

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



63C6D2



D6FBFF



63D26E



677D80



000000



808080

Same Dimension

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



63C6D2



5EEEFF



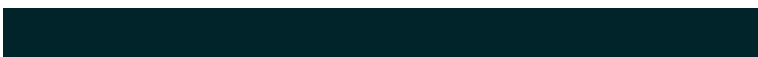
638FD2



5E6769



0096A8



002429

Inverse Universe

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



D263C6



FF5EEE



D2A663



695E67



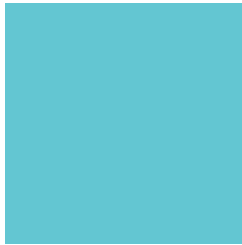
A80096



290024

Previews

White Background



This preview shows how the Hex color 63C6D2 looks on a white background.

Color Contrast Check

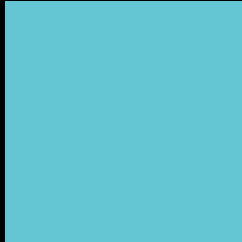
Large Text (above 18pt) WCAG AA × Fail

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 63C6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

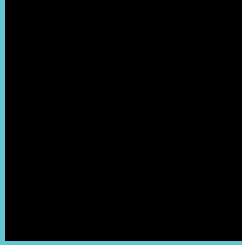
Any Text WCAG AA ✓ Pass

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 63C6D2 Background



This preview shows how black text looks on a background with the Hex color 63C6D2.

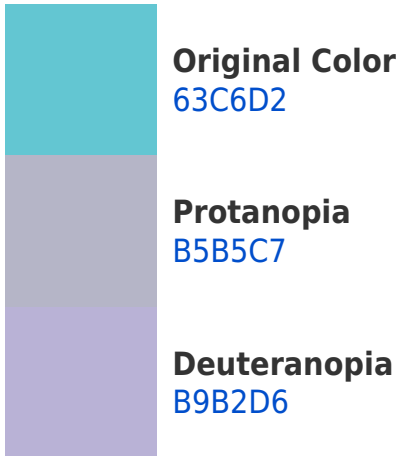


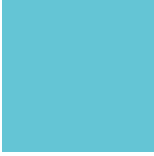
This preview shows how white text looks on a background with the Hex color 63C6D2.

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
64C5D5

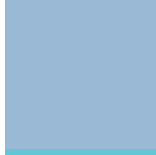
Trichromacy



Original Color
63C6D2



Protanomaly
97BBCB



Deuteranomaly
9AB9D5

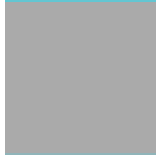


Tritanomaly
64C5D4

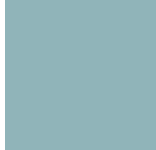
Monochromacy



Original Color
63C6D2



Achromatopsia
AAAAAA



Achromatomaly
90B4B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 63C6D2 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 #63C6D2 looks like.

```
.text, #text, p{  
    color:#63C6D2  
}
```

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 #63C6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C6D2
}
```

Border

The CSS property to change the border of an element to Hex 63C6D2 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
#63C6D2 }
```

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

```
.border{ border-color:#63C6D2 }
```

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

Here you see how a box with a 4 pixel #63C6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C6D2; -webkit-box-shadow:4px 4px  
4px 4px #63C6D2; box-shadow:4px 4px 4px  
4px #63C6D2 }
```

Background

The CSS property to change the background color of an element to Hex 63C6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C6D2 }
```

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

```
.background{ background-color:#63C6D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor