

Converting Colors

Hex(65ECD1)

Have a look what the booklet for
Hex(65ECD1) contains.

Hex(65ECD1)	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(65ECD1)

Conversions

Conversions Part 1

Format	Color
Hex	65ECD1
RGB	101, 236, 209
RGB Percent	40%, 93%, 82%
CMY	0.6039, 0.0745, 0.1804
CMYK	0.57, 0.00, 0.11, 0.07
HSL	168°, 78%, 66%
HSV	168°, 57%, 93%
XYZ	46.8709, 67.3611, 70.8532
YIQ	192.5570, -71.7930, -37.0170

Conversions

Conversions Part 2

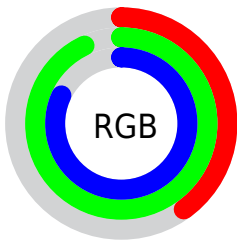
Format	Color
RYB	101, 176, 236
Decimal	6679761
CIELab	85.69, -43.28, 2.01
CIELCh	86, 43.323, 177.343
Yxy	67.3611, 0.2532, 0.3639
Android (android.graphics.Color)	4284869841 (0xFF65ECD1)
YUV	192.5570, 8.1064, -80.2955
Hunter-Lab	82.0738, -41.6909, 6.2674

Details

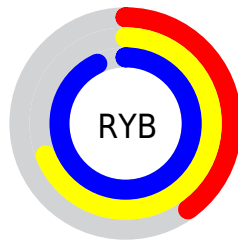
The Hex color **65ECD1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EC6580**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A2FFFF**, and **15B39B** is the 20% darker color. If you saturate the color by 10%, you get **4DECCC**, and if you desaturate by 10%, it is **7DECD6**.

Distribution



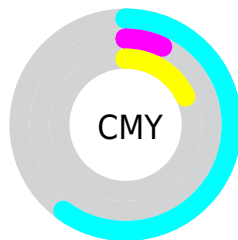
- Red (40%)
- Green (93%)
- Blue (82%)



- Red (40%)
- Yellow (69%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65ECD1 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 65ECD1 by changing the saturation by 10% instead.

 65ECD1

 65ECD1


FFFFFF

 43CFB5

 A2FFFF

 15B39B

 C0FFFF

 009881

 DFFFFF

 007E68

FDFFFF

 006450

 004B39

 003323

 001D0E

 000000

 65ECD1

 65ECD1

 4DECCC

 7DECD6

 36ECC8

 94ECDA

 1EECC3

 ACECDF

 07ECBE

 C3ECE4

 00ECBD

 DBECE9

 F3ECED

 FFECF2

 FFECF7

 FFECFB

Harmonies

Analogous

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



9AE8A9



65ECD1



34EBFA

Triad

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



65ECD1



D6CDFF



FFC492

Complementary

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



65ECD1



EC6580

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.



FFB9B3



65ECD1



FFBFFF

Square

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



65ECD1



95DBFF



FFB7DC



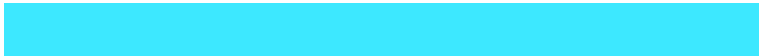
F5D284

Rectangle

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



65ECD1



3DE8FF



FFB7DC



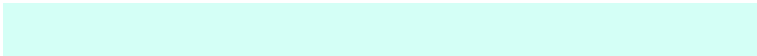
FFC09C

Sweetspot

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



65ECD1



D4FFF6



80EC65



66807A



000000



808080

Same Dimension

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



65ECD1



4FFFD0



65C3EC



6A7573



00B591



00362B

Inverse Universe

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



EC6580



FF4F72



EC8D65



756A6C



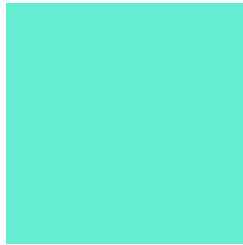
B50024



36000B

Previews

White Background



This preview shows how the Hex color 65ECD1 looks on a white background.

Color Contrast Check

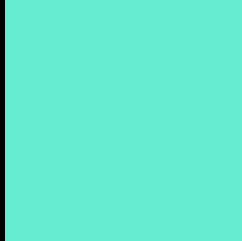
Large Text (above 18pt) WCAG AA × Fail

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 65ECD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

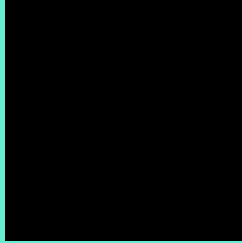
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

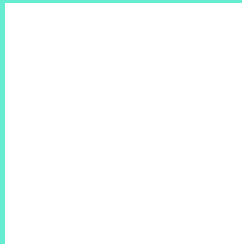
Any Text WCAG AAA ✓ Pass

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

Hex 65ECD1 Background



This preview shows how black text looks on a background with the Hex color 65ECD1.

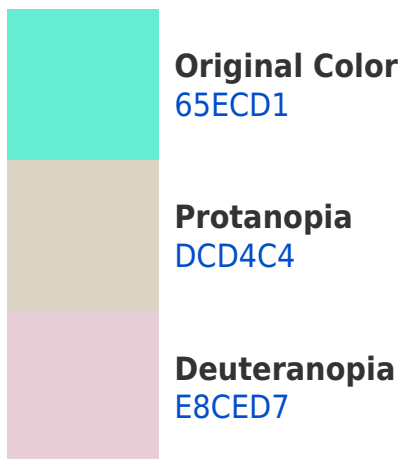


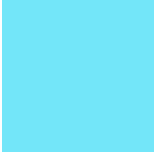
This preview shows how white text looks on a background with the Hex color 65ECD1.

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
73E6F9

Trichromacy



Original Color
65ECD1



Protanomaly
B1DDC9



Deuteranomaly
B8D9D5

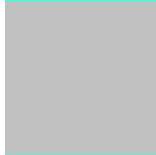


Tritanomaly
6EE8EA

Monochromacy



Original Color
65ECD1



Achromatopsia
C1C1C1



Achromatomaly
A0D1C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 65ECD1 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 #65ECD1 looks like.

```
.text, #text, p{  
    color:#65ECD1  
}
```

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 #65ECD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65ECD1
}
```

Border

The CSS property to change the border of an element to Hex 65ECD1 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
#65ECD1 }
```

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

```
.border{ border-color:#65ECD1 }
```

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

Here you see how a box with a 4 pixel #65ECD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65ECD1; -webkit-box-shadow:4px 4px  
4px 4px #65ECD1; box-shadow:4px 4px 4px  
4px #65ECD1 }
```

Background

The CSS property to change the background color of an element to Hex 65ECD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65ECD1 }
```

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

```
.background{ background-color:#65ECD1 }
```

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