

Converting Colors

Hex(63ECEA)

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

Hex(63ECEA)	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(63ECEA)

Conversions

Conversions Part 1

Format	Color
Hex	63ECEA
RGB	99, 236, 234
RGB Percent	39%, 93%, 92%
CMY	0.6118, 0.0745, 0.0824
CMYK	0.58, 0.00, 0.01, 0.07
HSL	179°, 78%, 66%
HSV	179°, 58%, 93%
XYZ	49.9923, 68.5841, 88.4451
YIQ	194.8090, -81.0100, -29.6660

Conversions

Conversions Part 2

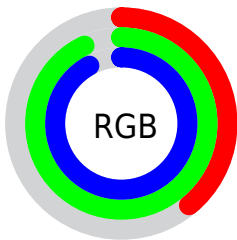
Format	Color
R _Y B	99, 168, 236
Decimal	6548714
CIE Lab	86.30, -37.33, -10.23
CIE LCh	86, 38.709, 195.331
Yxy	68.5841, 0.2415, 0.3313
Android (android.graphics.Color)	4284738794 (0xFF63ECEA)
YUV	194.8090, 19.3212, -84.0245
Hunter-Lab	82.8155, -37.1740, -5.3495

Details

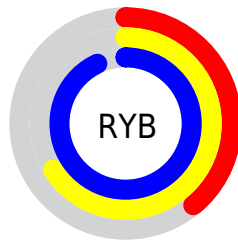
The Hex color **63ECEA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EC6365**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A2FFFF**, and **00B4B2** is the 20% darker color. If you saturate the color by 10%, you get **4BECEA**, and if you desaturate by 10%, it is **7BECEA**.

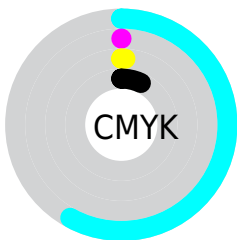
Distribution



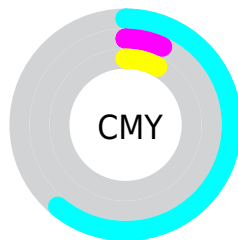
- Red (39%)
- Green (93%)
- Blue (92%)



- Red (39%)
- Yellow (66%)
- Blue (93%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (61%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 63ECEA

 63ECEA

FFFFFF

 3FCFCE

 A2FFFF

 00B4B2

 C1FFFF

 009898

 DFFFFF

 007E7E

FEFFFF

 006465

 004C4D

 003436

 001F21

 000009

 63ECEA

 63ECEA

 4BECEA

 7BECEA

 34ECE9

 92ECEB

 1CECE9

 AAECEB

 05ECE9

 C1ECEB

 00ECE9

 D9ECEC

 F1ECEC

 FFECEC

 FFECED

Harmonies

Analogous

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



89EBC4



63ECEA



5FE9FF

Triad

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



63ECEA



F4C8FF



FFCF91

Complementary

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



63ECEA



EC6365

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.



FFC4A5



63ECEA



FFBEEC

Square

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



63ECEA



C3D5FF



FFBDC6



DEDC90

Rectangle

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



63ECEA



79E4FF



FFBDC6



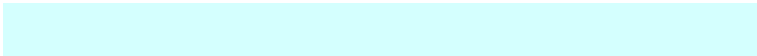
FFCB96

Sweetspot

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



63ECEA



D4FFFE



65EC63



66807F



000000



808080

Same Dimension

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



63ECEA



4DFFFC



63AAEC



6A7575



00B5B2



003635

Inverse Universe

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



EC6365



FF4D4F



ECA563



756A6A



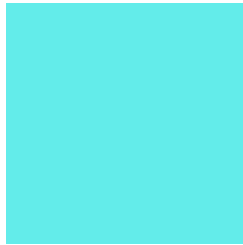
B50003



360001

Previews

White Background



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

Color Contrast Check

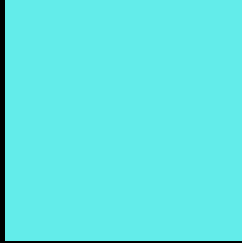
Large Text (above 18pt) WCAG AA × Fail

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 63ECEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

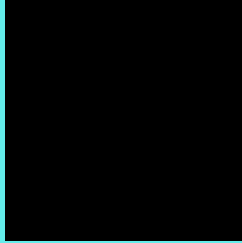
Any Text WCAG AA ✓ Pass

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 63ECEA Background



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

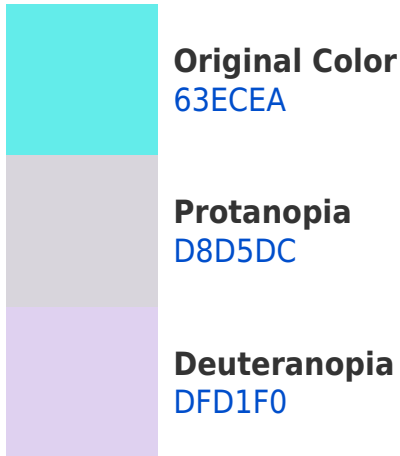


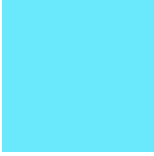
This preview shows how white text looks on a background with the Hex color 63ECEA.

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
6AE9FC

Trichromacy



Original Color
63ECEA



Protanomaly
ADDDE1



Deuteranomaly
B2DBEE

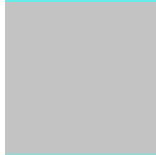


Tritanomaly
67EAF5

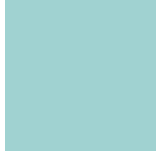
Monochromacy



Original Color
63ECEA



Achromatopsia
C3C3C3



Achromatomaly
A0D2D1

CSS Examples

Text

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

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

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 #63ECEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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