

Converting Colors

Hex(63EDE7)

Have a look what the booklet for
Hex(63EDE7) contains.

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Color

Hex(63EDE7)

Conversions

Conversions Part 1

Format	Color
Hex	63EDE7
RGB	99, 237, 231
RGB Percent	39%, 93%, 91%
CMY	0.6118, 0.0706, 0.0941
CMYK	0.58, 0.00, 0.03, 0.07
HSL	177°, 79%, 66%
HSV	177°, 58%, 93%
XYZ	49.8536, 68.9905, 86.2903
YIQ	195.0540, -80.3220, -31.1220

Conversions

Conversions Part 2

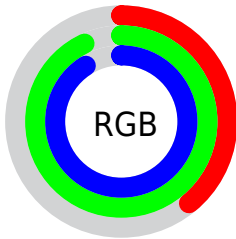
Format	Color
RYB	99, 170, 237
Decimal	6548967
CIELab	86.50, -38.57, -8.36
CIELCh	86, 39.470, 192.227
Yxy	68.9905, 0.2430, 0.3363
Android (android.graphics.Color)	4284739047 (0xFF63EDE7)
YUV	195.0540, 17.7214, -84.2394
Hunter-Lab	83.0605, -38.2189, -3.4530

Details

The Hex color **63EDE7** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED6369**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A2FFFF**, and **01B5B0** is the 20% darker color. If you saturate the color by 10%, you get **4BEDE6**, and if you desaturate by 10%, it is **7BEDE8**.

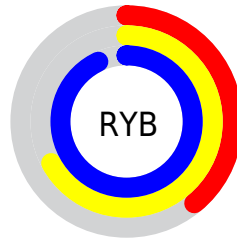
Distribution



Red (39%)

Green (93%)

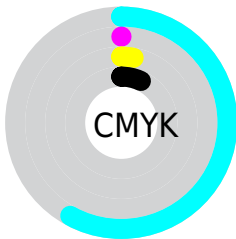
Blue (91%)



Red (39%)

Yellow (67%)

Blue (93%)

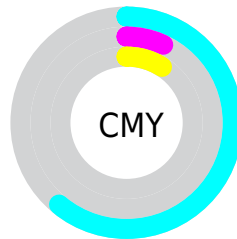


Cyan (58%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (61%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63EDE7 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 63EDE7 by changing the saturation by 10% instead.


 63EDE7

 63EDE7


FFFFFF

 40D0CB

 A2FFFF

 01B5B0

 C0FFFF

 009995

 DFFFFF

 007F7B

FEFFFF

 006562

 004C4B

 003534

 00201F

 000006

63EDE7

63EDE7

4BEDE6

7BEDE8

34EDE5

92EDE9

1CEDE4

AAEDEA

04EDE3

C2EDEB

00EDE3

D9EDEC

F1EDED

FFEDEE

FFEDEF

FFEDF0

Harmonies

Analogous

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



8CEBC0



63EDE7



59EAFF

Triad

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



63EDE7



F1C9FF



FFCF92

Complementary

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



63EDE7



ED6369

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.



FFC3A8



63EDE7



FFBFF0

Square

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



63EDE7



BDD7FF



FFBCCA



E3DB8F

Rectangle

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



63EDE7



71E6FF



FFBCCA



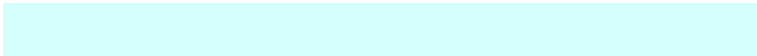
FFCA97

Sweetspot

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



63EDE7



D4FFFD



6AED63



66807E



000000



808080

Same Dimension

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



63EDE7



4DFFF7



63AFED



6A7575



00B5AD



003633

Inverse Universe

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



ED6369



FF4D54



EDA163



756A6A



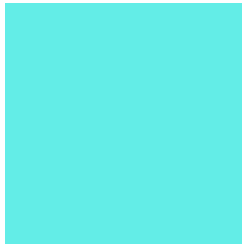
B50008



360002

Previews

White Background



This preview shows how the Hex color 63EDE7 looks on a white background.

Color Contrast Check

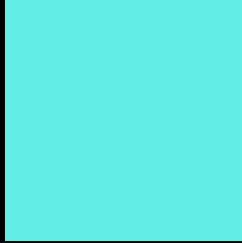
Large Text (above 18pt) WCAG AA × Fail

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 63EDE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

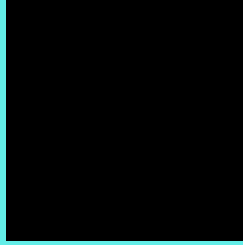
Any Text WCAG AA ✓ Pass

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 63EDE7 Background



This preview shows how black text looks on a background with the Hex color 63EDE7.

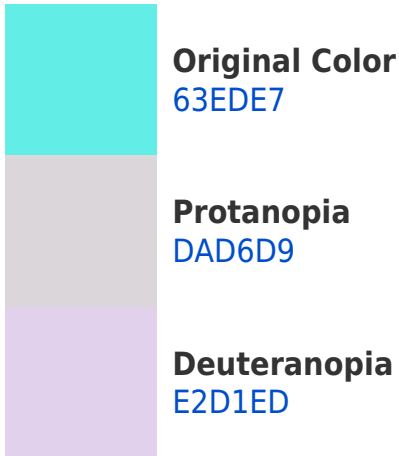


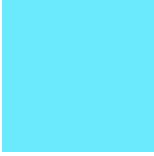
This preview shows how white text looks on a background with the Hex color 63EDE7.

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





Trichromacy



Original Color
63EDE7



Protanomaly
AFDEDE



Deuteranomaly
B4DBEB

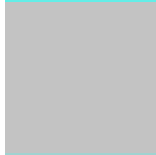


Tritanomaly
69EBF5

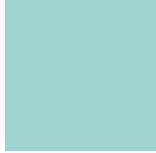
Monochromacy



Original Color
63EDE7



Achromatopsia
C3C3C3



Achromatomaly
A0D2D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 63EDE7 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 #63EDE7 looks like.

```
.text, #text, p{  
    color:#63EDE7  
}
```

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 #63EDE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63EDE7
}
```

Border

The CSS property to change the border of an element to Hex 63EDE7 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
#63EDE7 }
```

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

```
.border{ border-color:#63EDE7 }
```

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

Here you see how a box with a 4 pixel #63EDE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63EDE7; -webkit-box-shadow:4px 4px  
4px 4px #63EDE7; box-shadow:4px 4px 4px  
4px #63EDE7 }
```

Background

The CSS property to change the background color of an element to Hex 63EDE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63EDE7 }
```

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

```
.background{ background-color:#63EDE7 }
```

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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