

# Converting Colors

Hex(63E0D1)

Have a look what the booklet for  
Hex(63E0D1) contains.

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**Color**

**Hex(63E0D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E0D1
RGB	99, 224, 209
RGB Percent	39%, 88%, 82%
CMY	0.6118, 0.1216, 0.1804
CMYK	0.56, 0.00, 0.07, 0.12
HSL	173°, 67%, 63%
HSV	173°, 56%, 88%
XYZ	43.3099, 60.5674, 69.7296
YIQ	184.9150, -69.6850, -31.1650

# Conversions

## Conversions Part 2

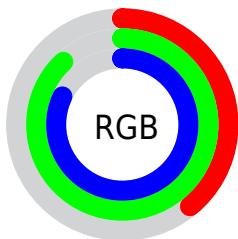
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 165, 224
Decimal	6545617
CIE <sub>Lab</sub>	82.15, -38.28, -3.17
CIE <sub>LCh</sub>	82, 38.416, 184.741
Yxy	60.5674, 0.2495, 0.3489
Android (android.graphics.Color)	4284735697 (0xFF63E0D1)
YUV	184.9150, 11.8739, -75.3475
Hunter-Lab	77.8251, -36.8581, 1.3550

# Details

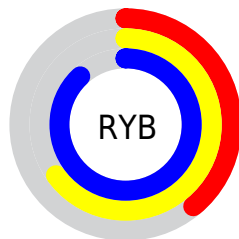
The Hex color **63E0D1** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E06372**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A0FFFF**, and **15A89B** is the 20% darker color. If you saturate the color by 10%, you get **4DE0CE**, and if you desaturate by 10%, it is **79E0D4**.

# Distribution



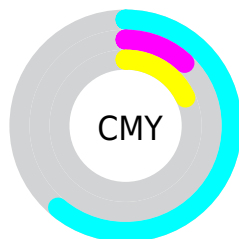
- Red (39%)
- Green (88%)
- Blue (82%)



- Red (39%)
- Yellow (65%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63E0D1 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 63E0D1 by changing the saturation by 10% instead.



 63E0D1

 63E0D1

FFFFFF

 42C4B5

 A0FFFF

 15A89B

 BDFFFF

 008D81

 DBFFFF


 007368

 FAFFFF

 005A50

 004239

 002B23

 000F0F

 000000

 63E0D1

 63E0D1

 4DE0CE

 79E0D4

 36E0CC

 90E0D6

 20E0C9

 A6E0D9

 09E0C6

 BDE0DC

 00E0C5

 D3E0DE

 E9E0E1

 FFE0E4

 FFE0E7

 FFE0E9

# Harmonies

## Analogous

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



8EDDAC



63E0D1



4DDEF4

# Triad

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



63E0D1



D8C1FF



FEC08C

# Complementary

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



63E0D1



E06372

# 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.



FFB5A5



63E0D1



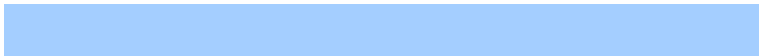
FFB6EC

# Square

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



63E0D1



A4CEFF



FFB1C8



DFCC84

# Rectangle

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



63E0D1



5DDBFF



FFB1C8



FFBC93



# Sweetspot

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



63E0D1



D4FFFA



74E063



66807C



000000



808080



# Same Dimension

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



63E0D1



54FFEA



63B2E0



65706F



00B09B



00302B



# Inverse Universe

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



E06372



FF5469



E09163



706566



B00015

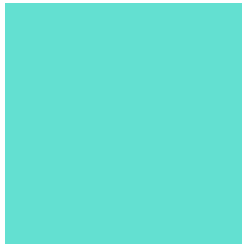


300006



# Previews

## White Background



This preview shows how the Hex color 63E0D1 looks on a white background.

## Color Contrast Check

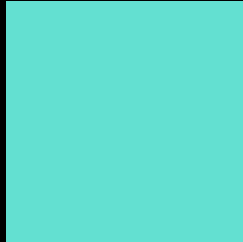
Large Text (above 18pt) WCAG AA × Fail

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 63E0D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

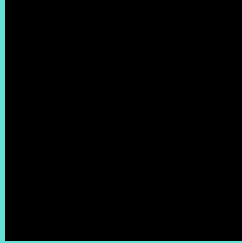
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

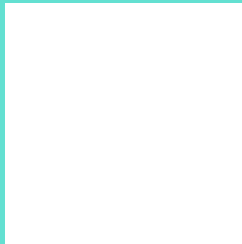
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63E0D1 Background



This preview shows how black text looks on a background with the Hex color 63E0D1.

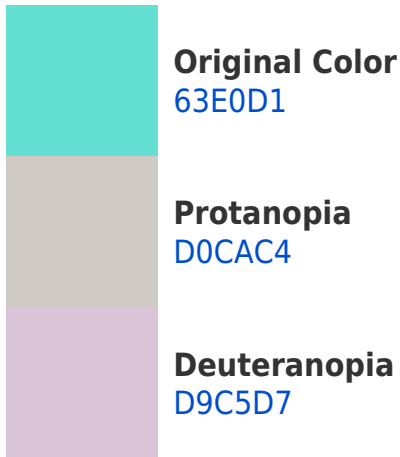


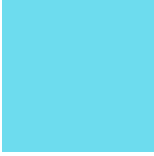
This preview shows how white text looks on a background with the Hex color 63E0D1.

# 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**  
6DDCEE

# Trichromacy



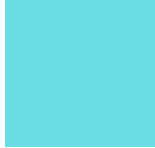
**Original Color**  
63E0D1



**Protanomaly**  
A8D2C9



**Deuteranomaly**  
AECFD5

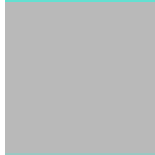


**Tritanomaly**  
69DDE3

# Monochromacy



**Original Color**  
63E0D1



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
9AC7C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63E0D1 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 #63E0D1 looks like.

```
.text, #text, p{  
    color:#63E0D1  
}
```

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 #63E0D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E0D1
}
```

## Border

The CSS property to change the border of an element to Hex 63E0D1 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
#63E0D1 }
```

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

```
.border{ border-color:#63E0D1 }
```

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

Here you see how a box with a 4 pixel #63E0D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E0D1; -webkit-box-shadow:4px 4px  
4px 4px #63E0D1; box-shadow:4px 4px 4px  
4px #63E0D1 }
```

# Background

The CSS property to change the background color of an element to Hex 63E0D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E0D1 }
```

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

```
.background{ background-color:#63E0D1 }
```

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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