

# Converting Colors

Hex(23E0E0)

Have a look what the booklet for  
Hex(23E0E0) contains.

<b>Hex(23E0E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(23E0E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23E0E0
RGB	35, 224, 224
RGB Percent	14%, 88%, 88%
CMY	0.8627, 0.1216, 0.1216
CMYK	0.84, 0.00, 0.00, 0.12
HSL	180°, 75%, 51%
HSV	180°, 84%, 88%
XYZ	40.8033, 59.0505, 79.7683
YIQ	167.4890, -112.6440, -40.0680

# Conversions

## Conversions Part 2

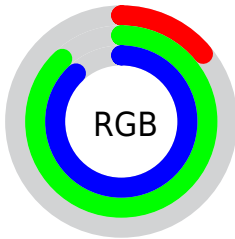
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	35, 130, 224
Decimal	2351328
CIE <sub>Lab</sub>	81.32, -42.29, -12.50
CIE <sub>LCh</sub>	81, 44.103, 196.471
Yxy	59.0505, 0.2272, 0.3287
Android (android.graphics.Color)	4280541408 (0xFF23E0E0)
YUV	167.4890, 27.8599, -116.1929
Hunter-Lab	76.8443, -39.6963, -7.7551

# Details

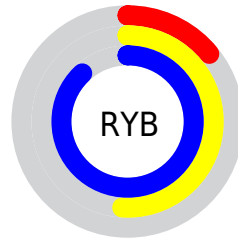
The Hex color **23E0E0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E02323**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **78FFFF**, and **00A8A9** is the 20% darker color. If you saturate the color by 10%, you get **0DE0E0**, and if you desaturate by 10%, it is **39E0E0**.

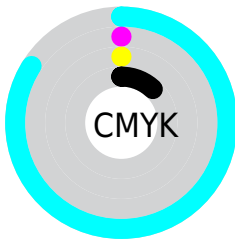
# Distribution



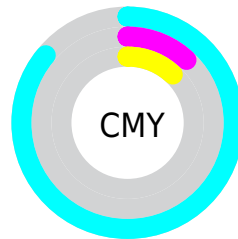
- Red (14%)
- Green (88%)
- Blue (88%)



- Red (14%)
- Yellow (51%)
- Blue (88%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (86%)
- Magenta (12%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23E0E0 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 23E0E0 by changing the saturation by 10% instead.



 23E0E0

 23E0E0

FFFFFF

 00C4C4

 78FFFF

 00A8A9

 9AFFFF

 008D8E

 BAFFFF

 007375

 D9FFFF

 00595C

 F9FFFF

 004145

 002B2F

 000A1A

 000000

 23E0E0

 23E0E0

 0DE0E0

 39E0E0

 00E0E0

 50E0E0

 66E0E0

 7DE0E0

 93E0E0

 A9E0E0

 C0E0E0

 D6E0E0

 EDE0E0

# Harmonies

## Analogous

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



6ADFB5



23E0E0



0ADCFF

# Triad

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



23E0E0



EBB7FF



F5C17A

# Complementary

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



23E0E0



E02323

# 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.



FFB390



23E0E0



FFACDF

# Square

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



23E0E0



B3C6FF



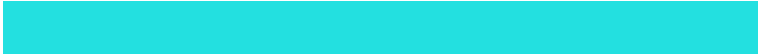
FFAAB5



CECF79

# Rectangle

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



23E0E0



4FD7FF



FFAAB5



FFBC7F



# Sweetspot

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



23E0E0



BFFFFFF



23E023



598080



000000



808080



# Same Dimension

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



23E0E0



00FFFF



2382E0



657070



00B0B0



003030



# Inverse Universe

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



E023E0



FF00FF



E08223



706570



B000B0

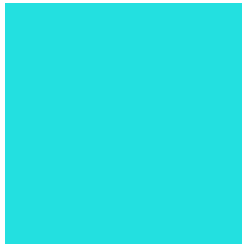


300030



# Previews

## White Background



This preview shows how the Hex color 23E0E0 looks on a white background.

## Color Contrast Check

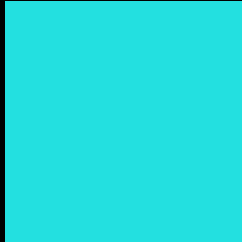
Large Text (above 18pt) WCAG AA × Fail

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 23E0E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

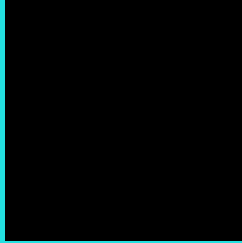
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 23E0E0 Background



This preview shows how black text looks on a background with the Hex color 23E0E0.

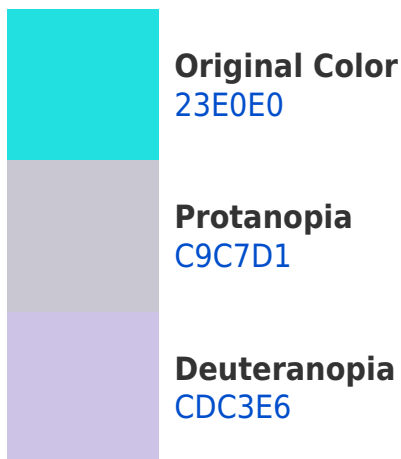


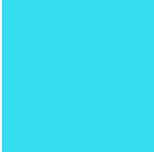
This preview shows how white text looks on a background with the Hex color 23E0E0.

# 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**  
34DEF0

# Trichromacy



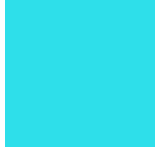
**Original Color**  
23E0E0



**Protanomaly**  
8DD0D6



**Deuteranomaly**  
8FCEE4

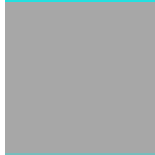


**Tritanomaly**  
2EDFEA

# Monochromacy



**Original Color**  
23E0E0



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
77BCBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23E0E0 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 #23E0E0 looks like.

```
.text, #text, p{  
    color:#23E0E0  
}
```

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 #23E0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23E0E0
}
```

## Border

The CSS property to change the border of an element to Hex 23E0E0 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
#23E0E0 }
```

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

```
.border{ border-color:#23E0E0 }
```

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

Here you see how a box with a 4 pixel #23E0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23E0E0; -webkit-box-shadow:4px 4px  
4px 4px #23E0E0; box-shadow:4px 4px 4px  
4px #23E0E0 }
```

# Background

The CSS property to change the background color of an element to Hex 23E0E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23E0E0 }
```

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

```
.background{ background-color:#23E0E0 }
```

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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