

# Converting Colors

Hex(2EDCE4)

Have a look what the booklet for  
Hex(2EDCE4) contains.

<b>Hex(2EDCE4)</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(2EDCE4)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EDCE4
RGB	46, 220, 228
RGB Percent	18%, 86%, 89%
CMY	0.8196, 0.1373, 0.1059
CMYK	0.80, 0.04, 0.00, 0.11
HSL	183°, 77%, 54%
HSV	183°, 80%, 89%
XYZ	40.7235, 57.3687, 82.3257
YIQ	168.8860, -106.2720, -34.4000

# Conversions

## Conversions Part 2

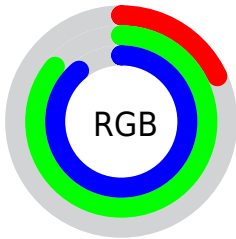
Format	Color
<a href="#">RYB</a>	46, 135, 228
Decimal	3071204
CIELab	80.39, -38.52, -16.02
CIELCh	80, 41.717, 202.581
Yxy	57.3687, 0.2257, 0.3180
Android (android.graphics.Color)	4281261284 (0xFF2EDCE4)
YUV	168.8860, 29.1432, -107.7710
Hunter-Lab	75.7421, -36.5764, -11.4241

# Details

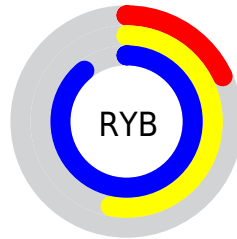
The Hex color **2EDCE4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E4362E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7DFFFF**, and **00A4AD** is the 20% darker color. If you saturate the color by 10%, you get **17DBE4**, and if you desaturate by 10%, it is **45DDE4**.

# Distribution



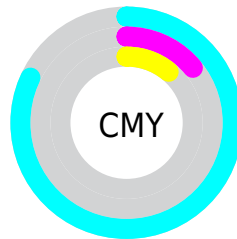
- Red (18%)
- Green (86%)
- Blue (89%)



- Red (18%)
- Yellow (53%)
- Blue (89%)



- Cyan (80%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EDCE4 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 2EDCE4 by changing the saturation by 10% instead.



 2EDCE4

 2EDCE4

FFFFFF

 00C0C8

 7DFFFF

 00A4AD

 9EFFFF

 008A92

 BDFFFF

 007078

 DDFFFF

 005660

 FCFFFF

 003E48

 002931

 00041D

 000000

 2EDCE4

 2EDCE4

 17DBE4

 45DDE4

 00DAE4

 5CDEE4

 72DFE4

 89E0E4

 A0E1E4

 B7E2E4

 CEE3E4

 E4E4E4

 FBE5E4

# Harmonies

## Analogous

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



63DCBC



2EDCE4



3BD8FF

# Triad

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



2EDCE4



EFB3F7



EAC27A

# Complementary

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



2EDCE4



E4362E

# 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.



FFB48B



2EDCE4



FFAAD3

# Square

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



2EDCE4



BEC1FF



FFABAB



C3CE7E

# Rectangle

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



2EDCE4



68D2FF



FFABAB



F5BD7D



# Sweetspot

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



2EDCE4



C2FCFF



2EE434



5B7E80



000000



808080



# Same Dimension

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



2EDCE4



0AF4FF



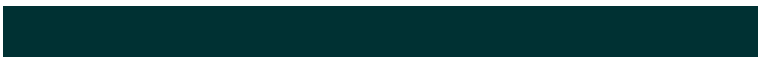
2E83E4



677273



00ABB3



003133



# Inverse Universe

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



E42EDC



FF0AF4



E48F2E



736772



B300AB

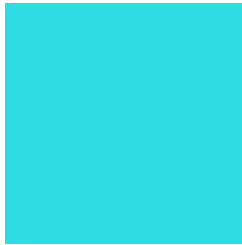


330031



# Previews

## White Background



This preview shows how the Hex color 2EDCE4 looks on a white background.

## Color Contrast Check

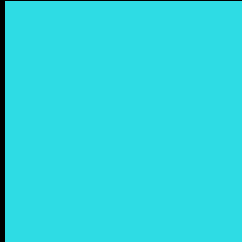
Large Text (above 18pt) WCAG AA × Fail

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 2EDCE4 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 2EDCE4 Background



This preview shows how black text looks on a background with the Hex color 2EDCE4.

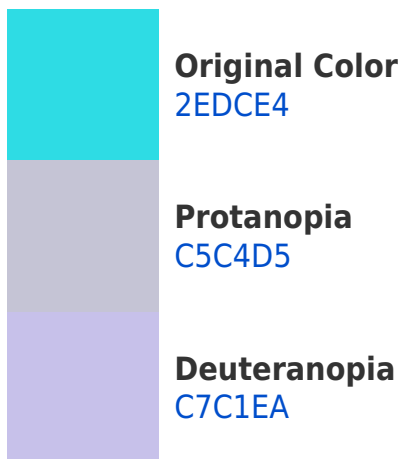


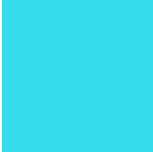
This preview shows how white text looks on a background with the Hex color 2EDCE4.

# 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



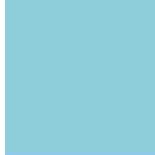


**Tritanopia**  
36DBEC

# Trichromacy



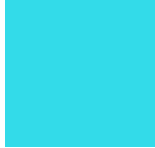
**Original Color**  
2EDCE4



**Protanomaly**  
8ECDDA



**Deuteranomaly**  
8FCBE8

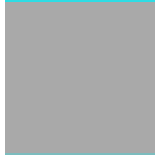


**Tritanomaly**  
33DBE9

# Monochromacy



**Original Color**  
2EDCE4



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
7CBCBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EDCE4 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 #2EDCE4 looks like.

```
.text, #text, p{  
    color:#2EDCE4  
}
```

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 #2EDCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EDCE4
}
```

## Border

The CSS property to change the border of an element to Hex 2EDCE4 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
#2EDCE4 }
```

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

```
.border{ border-color:#2EDCE4 }
```

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

Here you see how a box with a 4 pixel #2EDCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EDCE4; -webkit-box-shadow:4px 4px  
4px 4px #2EDCE4; box-shadow:4px 4px 4px  
4px #2EDCE4 }
```

# Background

The CSS property to change the background color of an element to Hex 2EDCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EDCE4 }
```

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

```
.background{ background-color:#2EDCE4 }
```

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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