

Converting Colors

Hex(3CEEC4)

Have a look what the booklet for
Hex(3CEEC4) contains.

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Color

Hex(3CEEC4)

Conversions

Conversions Part 1

Format	Color
Hex	3CEEC4
RGB	60, 238, 196
RGB Percent	24%, 93%, 77%
CMY	0.7647, 0.0667, 0.2314
CMYK	0.75, 0.00, 0.18, 0.07
HSL	166°, 84%, 58%
HSV	166°, 75%, 93%
XYZ	42.4018, 66.0953, 62.7474
YIQ	179.9900, -92.6060, -50.7980

Conversions

Conversions Part 2

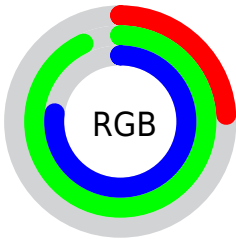
Format	Color
RYB	60, 161, 238
Decimal	3993284
CIELab	85.04, -53.49, 7.78
CIELCh	85, 54.053, 171.723
Yxy	66.0953, 0.2476, 0.3860
Android (android.graphics.Color)	4282183364 (0xFF3CEEC4)
YUV	179.9900, 7.8929, -105.2312
Hunter-Lab	81.2990, -49.1758, 11.1487

Details

The Hex color **3CEEC4** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **EE3C66**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **85FFFD**, and **00B58E** is the 20% darker color. If you saturate the color by 10%, you get **24EEBE**, and if you desaturate by 10%, it is **54EECA**.

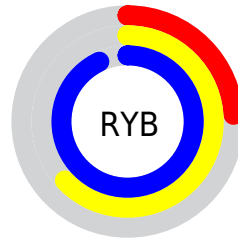
Distribution



Red (24%)

Green (93%)

Blue (77%)



Red (24%)

Yellow (63%)

Blue (93%)

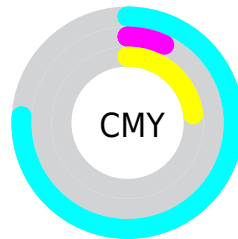


Cyan (75%)

Magenta (0%)

Yellow (18%)

Black (7%)



Cyan (76%)

Magenta (7%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CEEC4 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 3CEEC4 by changing the saturation by 10% instead.

 3CEEC4

 3CEEC4

FFFFFF

 00D1A9

 85FFFD

 00B58E

 A5FFFF

 009975

 C4FFFF

 007F5C

 E3FFFF

 006445

 004B2E

 003419

 001A00

 000000

 3CEEC4

 3CEEC4

 24EEBE

 54EECA

 0CEEB9

 6CEECF

 00EEB6

 83EED5

 9BEEDA

 B3EEEE

 CBEEEE

 E3EEEE

 FAEEF1

 FFEEF7

Harmonies

Analogous

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



93E893



3CEEC4



00EFF9

Triad

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



3CEEC4



C3CDFF



FFBA86

Complementary

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



3CEEC4



EE3C66

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.



FFADB1



3CCEC4



FFB9FF

Square

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



3CEEC4



5EDEFB



FFACE5



FFCD6E

Rectangle

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



3CEEC4



00ECFF



FFACE5



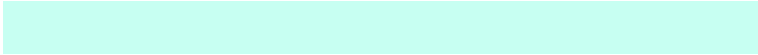
FFB593

Sweetspot

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



3CEEC4



C7FFF2



69EE3C



5E8078



000000



808080

Same Dimension

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



3CEEC4



19FFC9



3CC2EE



6C7875



00B88C



00382B

Inverse Universe

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



EE3C66



FF1950



EE693C



786C6F



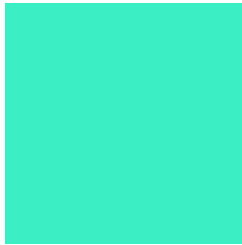
B8002B



38000D

Previews

White Background



This preview shows how the Hex color 3CEEC4 looks on a white background.

Color Contrast Check

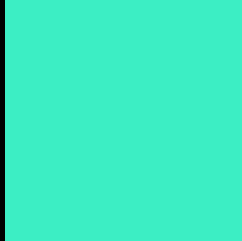
Large Text (above 18pt) WCAG AA × Fail

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 3CEEC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

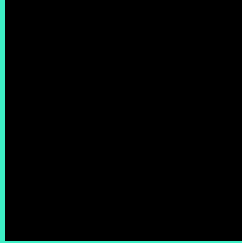
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

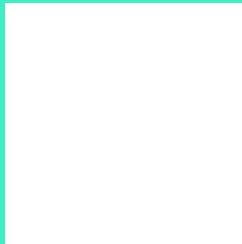
Any Text WCAG AAA ✓ Pass

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

Hex 3CEEC4 Background



This preview shows how black text looks on a background with the Hex color 3CEEC4.

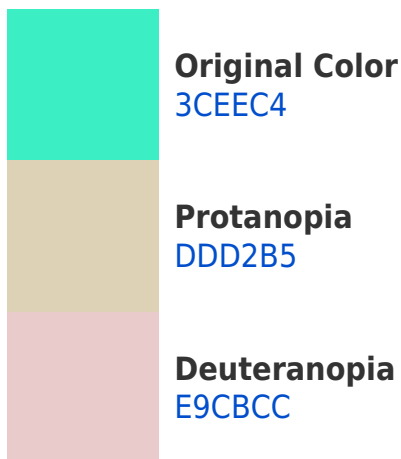


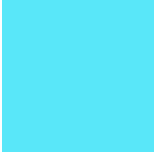
This preview shows how white text looks on a background with the Hex color 3CEEC4.

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



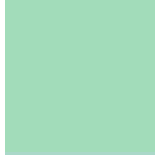


Tritanopia
59E7F9

Trichromacy



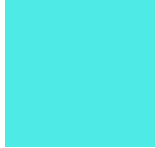
Original Color
3CEEC4



Protanomaly
A2DCBA



Deuteranomaly
AAD8C9



Tritanomaly
4EEAE6

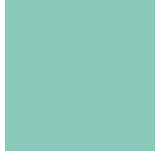
Monochromacy



Original Color
3CEEC4



Achromatopsia
B4B4B4



Achromatomaly
88C9BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CEEC4 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 #3CEEC4 looks like.

```
.text, #text, p{  
    color:#3CEEC4  
}
```

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 #3CEEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CEEC4
}
```

Border

The CSS property to change the border of an element to Hex 3CEEC4 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
#3CEEC4 }
```

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

```
.border{ border-color:#3CEEC4 }
```

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

Here you see how a box with a 4 pixel #3CEEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CEEC4; -webkit-box-shadow:4px 4px  
4px 4px #3CEEC4; box-shadow:4px 4px 4px  
4px #3CEEC4 }
```

Background

The CSS property to change the background color of an element to Hex 3CEEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CEEC4 }
```

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

```
.background{ background-color:#3CEEC4 }
```

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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