

Converting Colors

Hex(3ECCC5)

Have a look what the booklet for
Hex(3ECCC5) contains.

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Color

Hex(3ECCC5)

Conversions

Conversions Part 1

Format	Color
Hex	3ECCC5
RGB	62, 204, 197
RGB Percent	24%, 80%, 77%
CMY	0.7569, 0.2000, 0.2275
CMYK	0.70, 0.00, 0.03, 0.20
HSL	177°, 58%, 52%
HSV	177°, 70%, 80%
XYZ	33.6575, 48.2411, 60.3608
YIQ	160.7440, -82.3850, -32.2810

Conversions

Conversions Part 2

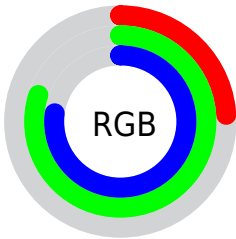
Format	Color
RYB	62, 135, 204
Decimal	4115653
CIELab	74.98, -38.40, -7.44
CIELCh	75, 39.115, 190.965
Yxy	48.2411, 0.2366, 0.3391
Android (android.graphics.Color)	4282305733 (0xFF3ECCC5)
YUV	160.7440, 17.8742, -86.5985
Hunter-Lab	69.4558, -35.0485, -2.9072

Details

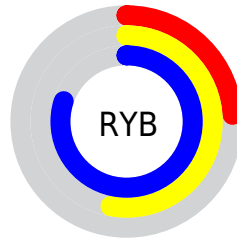
The Hex color **3ECCC5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC3E45**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **81FFFE**, and **00958F** is the 20% darker color. If you saturate the color by 10%, you get **2ACCC4**, and if you desaturate by 10%, it is **52CCC6**.

Distribution



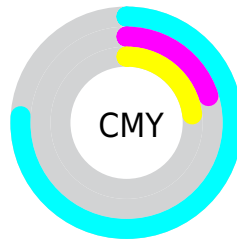
- Red (24%)
- Green (80%)
- Blue (77%)



- Red (24%)
- Yellow (53%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ECCC5 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 3ECCC5 by changing the saturation by 10% instead.

 3ECCC5

 3ECCC5

FFFFFF

 00B0AA

 81FFFE

 00958F

 A0FFFF

 007B76

 BEFFFF

 00615D

 DDFFFF

 004946

 FBFFFF

 00312F

 001B1B

 000000

 3ECCC5

 3ECCC5

■ 2ACCC4

■ 52CCC6

■ 15CCC3

■ 67CCC7

■ 01CCC2

■ 7BCCC8

■ 00CCC2

■ 90CCC9

■ A4CCCA

■ B8CCCB

■ CDCCCC

■ E1CCCD

■ F6CCCE

Harmonies

Analogous

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



6FCAA0



3ECCC5



27CAE7

Triad

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



3ECCC5



CEAAEF



E4AE75

Complementary

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



3ECCC5



CC3E45

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.



FAA38B



3ECCC5



F0A0D1

Square

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



3ECCC5



9AB8FF



FF9DAD



C3BB71

Rectangle

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



3ECC5



48C5F7



FF9DAD



EDAA7B

Sweetspot

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



3ECCC5



C9FFFC



45CC3E



60807E



000000



808080

Same Dimension

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



3ECCC5



29FFF4



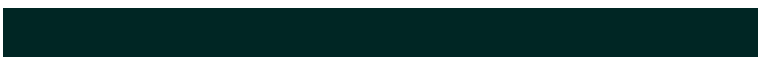
3E8CCC



5C6665



00A69E



002624

Inverse Universe

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



CC3E45



FF2933



CC7E3E



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color 3ECCC5 looks on a white background.

Color Contrast Check

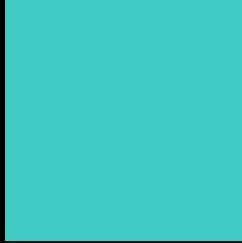
Large Text (above 18pt) WCAG AA × Fail

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 3ECCC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

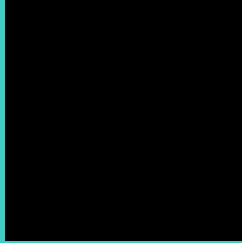
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

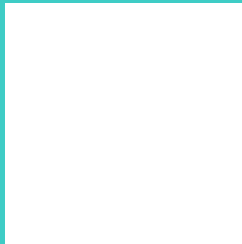
Any Text WCAG AAA ✓ Pass

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

Hex 3ECCC5 Background



This preview shows how black text looks on a background with the Hex color 3ECCC5.

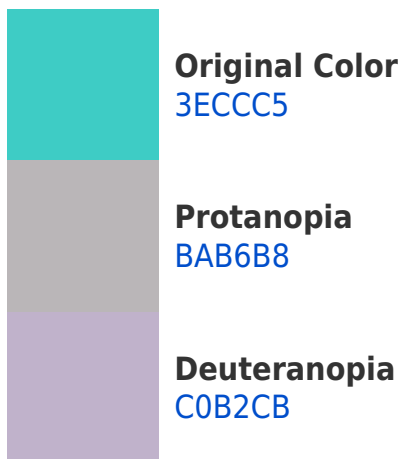


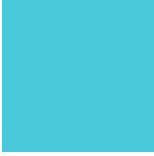
This preview shows how white text looks on a background with the Hex color 3ECCC5.

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
49C9D9

Trichromacy



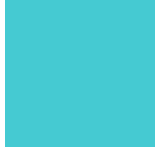
Original Color
3ECCC5



Protanomaly
8DBEBD



Deuteranomaly
91BBC9



Tritanomaly
45CAD2

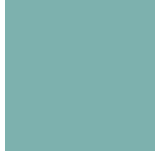
Monochromacy



Original Color
3ECCC5



Achromatopsia
A1A1A1



Achromatomaly
7DB1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ECCC5 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 #3ECCC5 looks like.

```
.text, #text, p{  
    color:#3ECCC5  
}
```

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 #3ECCC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ECCC5
}
```

Border

The CSS property to change the border of an element to Hex 3ECCC5 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
#3ECCC5 }
```

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

```
.border{ border-color:#3ECCC5 }
```

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

Here you see how a box with a 4 pixel #3ECCC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ECCC5; -webkit-box-shadow:4px 4px  
4px 4px #3ECCC5; box-shadow:4px 4px 4px  
4px #3ECCC5 }
```

Background

The CSS property to change the background color of an element to Hex 3ECCC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ECCC5 }
```

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

```
.background{ background-color:#3ECCC5 }
```

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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