

Converting Colors

Hex(3ECDC5)

Have a look what the booklet for
Hex(3ECDC5) contains.

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Color

Hex(**3ECDC5**)

Conversions

Conversions Part 1

Format	Color
Hex	3ECDC5
RGB	62, 205, 197
RGB Percent	24%, 80%, 77%
CMY	0.7569, 0.1961, 0.2275
CMYK	0.70, 0.00, 0.04, 0.20
HSL	177°, 59%, 52%
HSV	177°, 70%, 80%
XYZ	33.8960, 48.7180, 60.4403
YIQ	161.3310, -82.6600, -32.8040

Conversions

Conversions Part 2

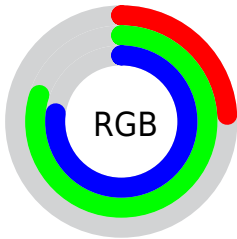
Format	Color
R _Y B	62, 136, 205
Decimal	4115909
CIE Lab	75.28, -38.86, -7.00
CIE LCh	75, 39.480, 190.208
Yxy	48.7180, 0.2369, 0.3406
Android (android.graphics.Color)	4282305989 (0xFF3ECDC5)
YUV	161.3310, 17.5848, -87.1133
Hunter-Lab	69.7983, -35.4625, -2.4821

Details

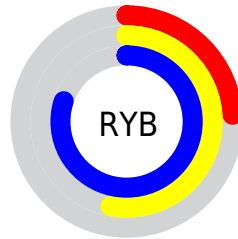
The Hex color **3ECDC5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD3E46**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **81FFFE**, and **00968F** is the 20% darker color. If you saturate the color by 10%, you get **2ACDC4**, and if you desaturate by 10%, it is **53CDC6**.

Distribution



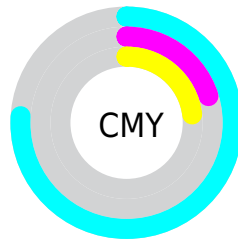
- Red (24%)
- Green (80%)
- Blue (77%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3ECDC5 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 3ECDC5 by changing the saturation by 10% instead.

 3ECDC5

 3ECDC5

FFFFFF

 00B1AA

 81FFFE

 00968F

 A0FFFF

 007C76

 BEFFFF

 00625D

 DDFFFF

 004946

 FBFFFF

 00322F

 001C1B

 000000

 3ECDC5

 3ECDC5

■ 2ACDC4

■ 53CDC6

■ 15CDC3

■ 67CDC7

■ 01CDC2

■ 7CCDC8

■ 00CDC2

■ 90CDCA

■ A5CDCB

■ B9CDCC

■ CECD CD

■ E2CDCE

■ F7CDCF

Harmonies

Analogous

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



70CBA0



3ECDC5



24CBE7

Triad

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



3ECDC5



CEABF1



E6AF75

Complementary

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



3ECDC5



CD3E46

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.



FBA38C



3ECDC5



F1A0D3

Square

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



3ECDC5



99B9FF



FF9DAE



C5BB71

Rectangle

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



3ECDC5



46C7F8



FF9DAE



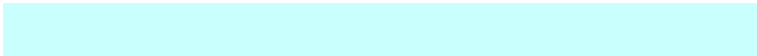
EFAB7B

Sweetspot

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



3ECDC5



C9FFFC



48CD3E



60807E



000000



808080

Same Dimension

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



3E8DC5



29FFF3



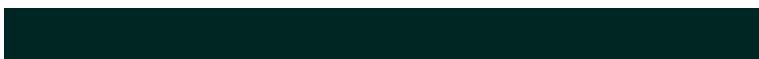
3E8FCD



5C6665



00A69C



002624

Inverse Universe

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



CD3E46



FF2935



CD7C3E



665C5C



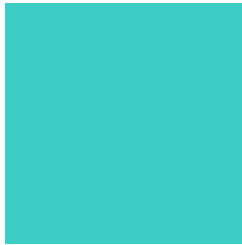
A60009



260002

Previews

White Background



This preview shows how the Hex color 3ECDC5 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 3ECDC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

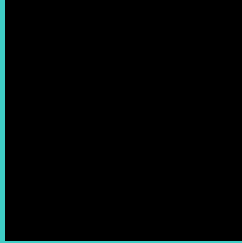
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

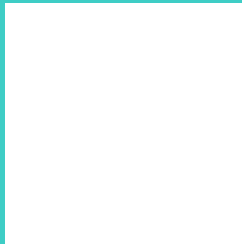
Any Text WCAG AAA ✓ Pass

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

Hex 3ECDC5 Background



This preview shows how black text looks on a background with the Hex color 3ECDC5.

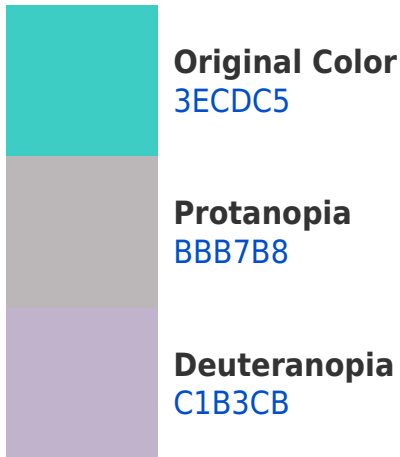


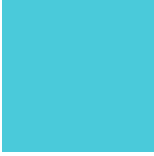
This preview shows how white text looks on a background with the Hex color 3ECDC5.

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





Trichromacy



Original Color
3ECDC5



Protanomaly
8EBFBD



Deuteranomaly
91BCC9



Tritanomaly
46CBD2

Monochromacy



Original Color
3ECDC5



Achromatopsia
A1A1A1



Achromatomaly
7DB1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ECDC5 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 #3ECDC5 looks like.

```
.text, #text, p{  
    color:#3ECDC5  
}
```

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 #3ECDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ECDC5  
}
```

Border

The CSS property to change the border of an element to Hex 3ECDC5 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  
#3ECDC5 }
```

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

```
.border{ border-color:#3ECDC5 }
```

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

Here you see how a box with a 4 pixel #3ECDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ECDC5; -webkit-box-shadow:4px 4px  
4px 4px #3ECDC5; box-shadow:4px 4px 4px  
4px #3ECDC5 }
```

Background

The CSS property to change the background color of an element to Hex 3ECDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ECDC5 }
```

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

```
.background{ background-color:#3ECDC5 }
```

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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