

Converting Colors

Hex(3ECDE6)

Have a look what the booklet for
Hex(3ECDE6) contains.

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Color

Hex(3ECDE6)

Conversions

Conversions Part 1

Format	Color
Hex	3ECDE6
RGB	62, 205, 230
RGB Percent	24%, 80%, 90%
CMY	0.7569, 0.1961, 0.0980
CMYK	0.73, 0.11, 0.00, 0.10
HSL	189°, 77%, 57%
HSV	189°, 73%, 90%
XYZ	38.1009, 50.3999, 82.5829
YIQ	165.0930, -93.2530, -22.5410

Conversions

Conversions Part 2

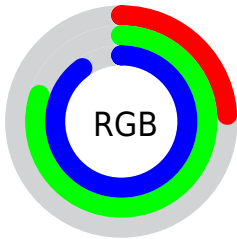
Format	Color
RYB	62, 139, 230
Decimal	4115942
CIELab	76.31, -29.24, -23.23
CIELCh	76, 37.343, 218.468
Yxy	50.3999, 0.2227, 0.2946
Android (android.graphics.Color)	4282306022 (0xFF3ECDE6)
YUV	165.0930, 31.9992, -90.4126
Hunter-Lab	70.9929, -28.4393, -19.2744

Details

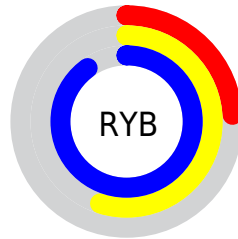
The Hex color **3ECDE6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light washed cyan. A complement of this color would be **E6573E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **84FFFF**, and **0096AE** is the 20% darker color. If you saturate the color by 10%, you get **27CAE6**, and if you desaturate by 10%, it is **55D0E6**.

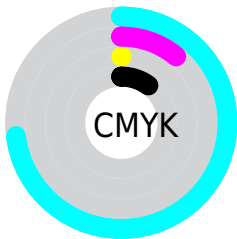
Distribution



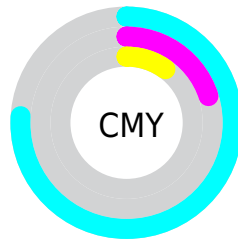
- Red (24%)
- Green (80%)
- Blue (90%)



- Red (24%)
- Yellow (55%)
- Blue (90%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (76%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ECDE6 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 3ECDE6 by changing the saturation by 10% instead.

 3ECDE6

 3ECDE6

FFFFFF

 00B1CA

 84FFFF

 0096AE

 A4FFFF

 007C94

 C3FFFF

 00637A

 E2FFFF

 004B61

 003349

 002032

 00021E

 000000

 3ECDE6

 3ECDE6

 27CAE6

 55D0E6

 10C6E6

 6CD4E6

 00C4E6

 83D7E6

 9ADBE6

 B1DEE6

 C8E2E6

 DFE5E6

 F6E8E6

 FFECE6

Harmonies

Analogous

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



50CFC5



3ECDE6



64C7FC

Triad

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



3ECDE6



F0A5D6



CABD77

Complementary

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



3ECDE6



E6573E

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.



E9B27D



3ECDE6



FFA2B4

Square

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



3ECDE6



CDB0F2



FCA793



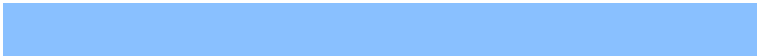
A4C785

Rectangle

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



3ECDE6



89C0FF



FCA793



D5B977

Sweetspot

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



3ECDE6



C7F7FF



3EE654



5E7B80



000000



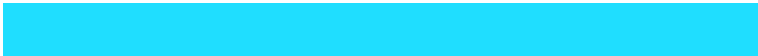
808080

Same Dimension

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



3ECDE6



1FDEFF



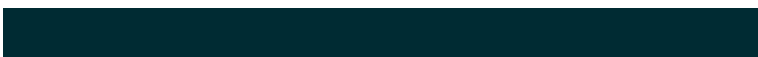
3E7CE6



677173



0098B3



002B33

Inverse Universe

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



E63ECD



FF1FDE



E6A83E



736771



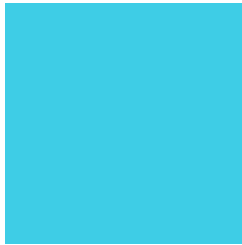
B30098



33002B

Previews

White Background



This preview shows how the Hex color 3ECDE6 looks on a white background.

Color Contrast Check

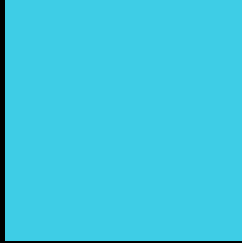
Large Text (above 18pt) WCAG AA × Fail

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 3ECDE6 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 3ECDE6 Background



This preview shows how black text looks on a background with the Hex color 3ECDE6.

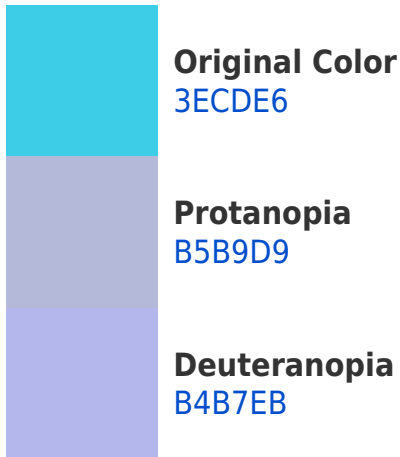


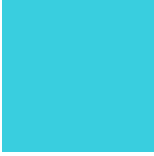
This preview shows how white text looks on a background with the Hex color 3ECDE6.

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
39CEDF

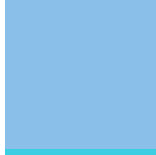
Trichromacy



Original Color
3ECDE6



Protanomaly
8AC0DE



Deuteranomaly
89BFE9

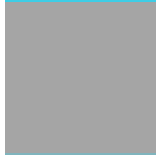


Tritanomaly
3BCEE2

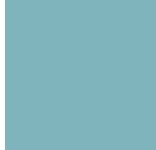
Monochromacy



Original Color
3ECDE6



Achromatopsia
A5A5A5



Achromatomaly
80B4BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ECDE6 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 #3ECDE6 looks like.

```
.text, #text, p{  
    color:#3ECDE6  
}
```

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 #3ECDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ECDE6
}
```

Border

The CSS property to change the border of an element to Hex 3ECDE6 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
#3ECDE6 }
```

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

```
.border{ border-color:#3ECDE6 }
```

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

Here you see how a box with a 4 pixel #3ECDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ECDE6; -webkit-box-shadow:4px 4px  
4px 4px #3ECDE6; box-shadow:4px 4px 4px  
4px #3ECDE6 }
```

Background

The CSS property to change the background color of an element to Hex 3ECDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ECDE6 }
```

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

```
.background{ background-color:#3ECDE6 }
```

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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