

Converting Colors

Hex(36EDC0)

Have a look what the booklet for
Hex(36EDC0) contains.

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Color

Hex(36EDC0)

Conversions

Conversions Part 1

Format	Color
Hex	36EDC0
RGB	54, 237, 192
RGB Percent	21%, 93%, 75%
CMY	0.7882, 0.0706, 0.2471
CMYK	0.77, 0.00, 0.19, 0.07
HSL	165°, 84%, 57%
HSV	165°, 77%, 93%
XYZ	41.3199, 65.1584, 60.2682
YIQ	177.1530, -94.6230, -52.7910

Conversions

Conversions Part 2

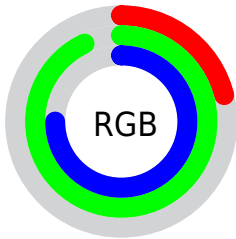
Format	Color
RYB	54, 158, 237
Decimal	3599808
CIELab	84.57, -54.70, 9.18
CIELCh	85, 55.464, 170.477
Yxy	65.1584, 0.2478, 0.3908
Android (android.graphics.Color)	4281789888 (0xFF36EDC0)
YUV	177.1530, 7.3196, -108.0052
Hunter-Lab	80.7208, -49.8894, 12.2371




Details

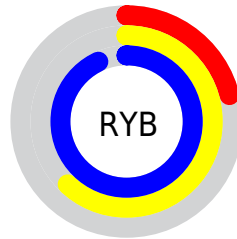
The Hex color **36EDC0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **ED3663**, and the grayscale version is **B1B1B1**.




A 20% lighter version of the original color is **81FFF8**, and **00B48B** is the 20% darker color. If you saturate the color by 10%, you get **1EEDBA**, and if you desaturate by 10%, it is **4EEDC6**.

Distribution







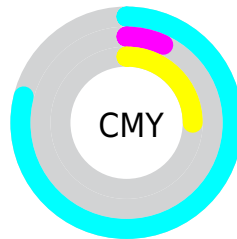
-  Red (21%)
-  Green (93%)
-  Blue (75%)






-  Red (21%)
-  Yellow (62%)
-  Blue (93%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (7%)



-  Cyan (79%)
-  Magenta (7%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36EDC0 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 36EDC0 by changing the saturation by 10% instead.

 36EDC0

 36EDC0


FFFFFF

 00D0A5

 81FFF8

 00B48B

 A1FFF8

 009871

 C1FFF8

 007E59

 E0FFF8

 006341

 004A2B

 003316

 001900

 000000

 36EDC0

 36EDC0

 1EEDBA

 4EEDC6

 07EDB4

 65EDCC

 00EDB3

 7DEDD1

 95EDD7

 ACEDDD

 C4EDE3

 DCEDE9

 F4EDEF

 FFEDF4

Harmonies

Analogous

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



92E78E



36EDC0



00EEF6

Triad

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



36EDC0



BDCCFF



FFB784

Complementary

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



36EDC0



ED3663

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.



FFAAB1



36EDC0



FFB8FF

Square

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



36EDC0



4EDDF



FFAAE6



FFCA6A

Rectangle

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



36EDC0



00EBFF



FFAAE6



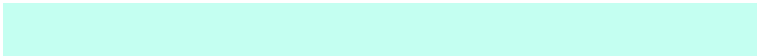
FFB292

Sweetspot

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



36EDC0



C4FFF1



64ED36



5C8077



000000



808080

Same Dimension

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



36EDC0



12FFC5



36BFED



6A7572



00B589



003628

Inverse Universe

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



ED3663



FF124C



ED6436



756A6C



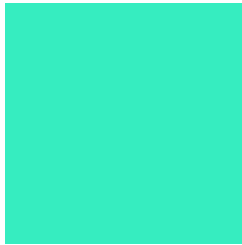
B5002D



36000D

Previews

White Background



This preview shows how the Hex color 36EDC0 looks on a white background.

Color Contrast Check

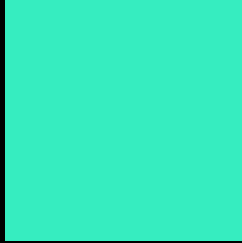
Large Text (above 18pt) WCAG AA × Fail

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 36EDC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

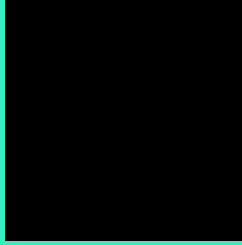
Any Text WCAG AA ✓ Pass

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 36EDC0 Background



This preview shows how black text looks on a background with the Hex color 36EDC0.

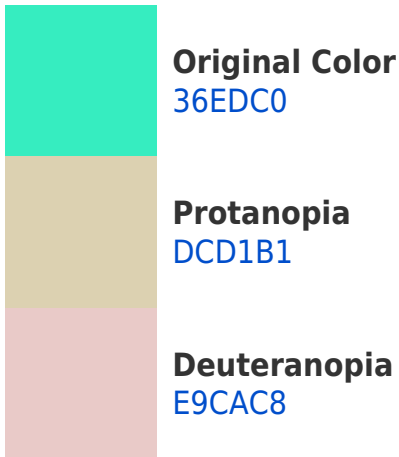


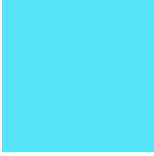
This preview shows how white text looks on a background with the Hex color 36EDC0.

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



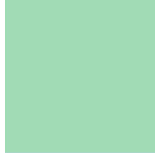


Tritanopia
56E5F8

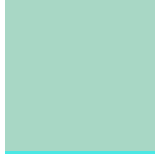
Trichromacy



Original Color
36EDC0



Protanomaly
A0DBB6



Deuteranomaly
A8D7C5

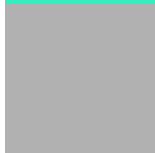


Tritanomaly
4AE8E4

Monochromacy



Original Color
36EDC0



Achromatopsia
B1B1B1



Achromatomaly
84C7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 36EDC0 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 #36EDC0 looks like.

```
.text, #text, p{  
    color:#36EDC0  
}
```

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 #36EDC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36EDC0
}
```

Border

The CSS property to change the border of an element to Hex 36EDC0 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
#36EDC0 }
```

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

```
.border{ border-color:#36EDC0 }
```

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

Here you see how a box with a 4 pixel #36EDC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36EDC0; -webkit-box-shadow:4px 4px  
4px 4px #36EDC0; box-shadow:4px 4px 4px  
4px #36EDC0 }
```

Background

The CSS property to change the background color of an element to Hex 36EDC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36EDC0 }
```

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

```
.background{ background-color:#36EDC0 }
```

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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