

Converting Colors

Hex(35D5D6)

Have a look what the booklet for
Hex(35D5D6) contains.

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Color

Hex(35D5D6)

Conversions

Conversions Part 1

Format	Color
Hex	35D5D6
RGB	53, 213, 214
RGB Percent	21%, 84%, 84%
CMY	0.7922, 0.1647, 0.1608
CMYK	0.75, 0.00, 0.00, 0.16
HSL	180°, 66%, 52%
HSV	180°, 75%, 84%
XYZ	37.4000, 53.2004, 71.9158
YIQ	165.2740, -95.6810, -33.6090

Conversions

Conversions Part 2

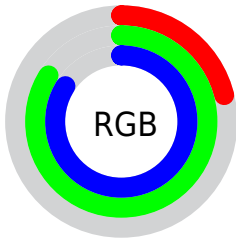
Format	Color
RYB	53, 133, 214
Decimal	3528150
CIELab	77.99, -38.75, -12.12
CIELCh	78, 40.600, 197.365
Yxy	53.2004, 0.2301, 0.3274
Android (android.graphics.Color)	4281718230 (0xFF35D5D6)
YUV	165.2740, 24.0219, -98.4643
Hunter-Lab	72.9386, -36.1148, -7.4016

Details

The Hex color **35D5D6** 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 **D63635**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7EFFFF**, and **009E9F** is the 20% darker color. If you saturate the color by 10%, you get **20D5D6**, and if you desaturate by 10%, it is **4AD5D6**.

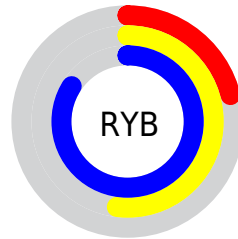
Distribution



Red (21%)

Green (84%)

Blue (84%)



Red (21%)

Yellow (52%)

Blue (84%)

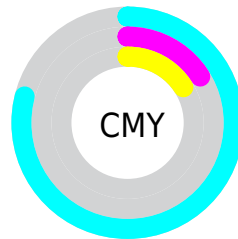


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (79%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35D5D6 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 35D5D6 by changing the saturation by 10% instead.

 35D5D6

 35D5D6

FFFFFF

 00B9BA

 7EFFFF

 009E9F

 9EFFFF

 008385

 BDFFFF

 00696C

 DCFFFF

 005054

 FBFFFF

 00383D

 002427

 000113

 000000

 35D5D6

 35D5D6

 20D5D6

 4AD5D6

 0AD5D6

 60D5D6

 00D5D6

 75D5D6

 8BD6D6

 A0D6D6

 B5D6D6

 CBD6D6

 E0D6D6

 F6D6D6

Harmonies

Analogous

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



69D4AF



35D5D6



30D2F7

Triad

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



35D5D6



E0AFF4



E8B977

Complementary

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



35D5D6



D63635

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.



FFAC8B



35D5D6



FFA5D2

Square

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



35D5D6



AEBDFE



FFA4AC



C4C578

Rectangle

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



35D5D6



59CDFE



FFA4AC



F2B57C

Sweetspot

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



35D5D6



C4FFFF



35D635



5C7F80



000000



808080

Same Dimension

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



35D5D6



19FEFF



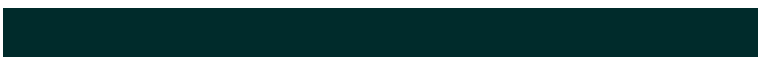
3586D6



606B6B



00AAAB



002B2B

Inverse Universe

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



D635D5



FF19FE



D68635



6B606B



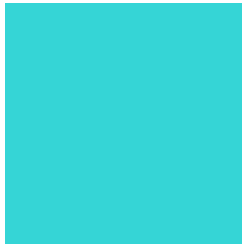
AB00AA



2B002B

Previews

White Background



This preview shows how the Hex color 35D5D6 looks on a white background.

Color Contrast Check

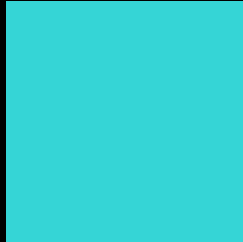
Large Text (above 18pt) WCAG AA × Fail

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 35D5D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

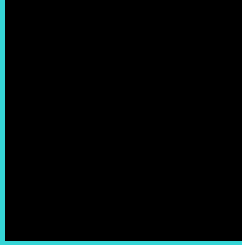
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

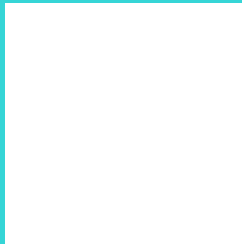
Any Text WCAG AAA ✓ Pass

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

Hex 35D5D6 Background



This preview shows how black text looks on a background with the Hex color 35D5D6.

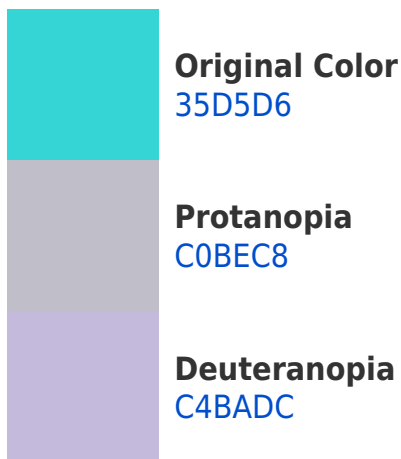


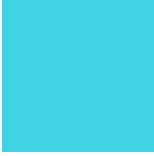
This preview shows how white text looks on a background with the Hex color 35D5D6.

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
3FD3E4

Trichromacy



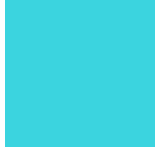
Original Color
35D5D6



Protanomaly
8DC6CD



Deuteranomaly
90C4DA



Tritanomaly
3BD4DF

Monochromacy



Original Color
35D5D6



Achromatopsia
A5A5A5



Achromatomaly
7CB6B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 35D5D6 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 #35D5D6 looks like.

```
.text, #text, p{  
    color:#35D5D6  
}
```

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 #35D5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D5D6
}
```

Border

The CSS property to change the border of an element to Hex 35D5D6 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
#35D5D6 }
```

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

```
.border{ border-color:#35D5D6 }
```

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

Here you see how a box with a 4 pixel #35D5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D5D6; -webkit-box-shadow:4px 4px  
4px 4px #35D5D6; box-shadow:4px 4px 4px  
4px #35D5D6 }
```

Background

The CSS property to change the background color of an element to Hex 35D5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D5D6 }
```

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

```
.background{ background-color:#35D5D6 }
```

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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