

Converting Colors

Hex(35DEC8)

Have a look what the booklet for
Hex(35DEC8) contains.

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Color

Hex(35DEC8)

Conversions

Conversions Part 1

Format	Color
Hex	35DEC8
RGB	53, 222, 200
RGB Percent	21%, 87%, 78%
CMY	0.7922, 0.1294, 0.2157
CMYK	0.76, 0.00, 0.10, 0.13
HSL	172°, 72%, 54%
HSV	172°, 76%, 87%
XYZ	38.0148, 57.1696, 63.6748
YIQ	168.9610, -93.6620, -42.6700

Conversions

Conversions Part 2

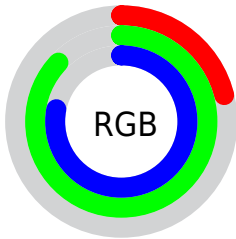
Format	Color
RYB	53, 143, 222
Decimal	3530440
CIELab	80.27, -46.59, -1.26
CIELCh	80, 46.605, 181.548
Yxy	57.1696, 0.2393, 0.3599
Android (android.graphics.Color)	4281720520 (0xFF35DEC8)
YUV	168.9610, 15.3022, -101.6978
Hunter-Lab	75.6106, -42.5738, 2.9968

Details

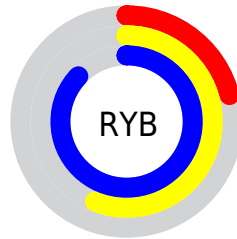
The Hex color **35DEC8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE354B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7EFFFF**, and **00A692** is the 20% darker color. If you saturate the color by 10%, you get **1FDEC5**, and if you desaturate by 10%, it is **4BDECB**.

Distribution



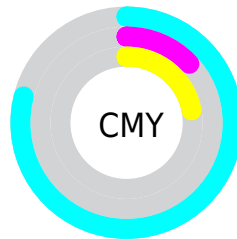
- Red (21%)
- Green (87%)
- Blue (78%)



- Red (21%)
- Yellow (56%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35DEC8 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 35DEC8 by changing the saturation by 10% instead.

 35DEC8

 35DEC8

FFFFFF

 00C2AD

 7EFFFF

 00A692

 9EFFFF

 008B79

 BDFFFF

 007160

 DCFFFF

 005748

 FCFFFF

 003F32

 00291D

 000204

 000000

 35DEC8

 35DEC8

 1FDEC5

 4BDECB

 09DEC2

 61DECE

 00DEC1

 78DED1

 8EDED4

 A4DED6

 BADED9

 D0DEDC

 E7DEDF

 FDDEE2

Harmonies

Analogous

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



7EDA9C



35DEC8



00DDF3

Triad

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



35DEC8



CEBBFF



FFB67C

Complementary

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



35DEC8



DE354B

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.



FFA99C



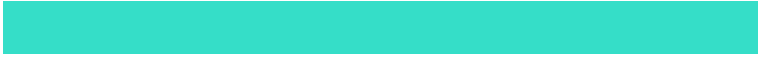
35DEC8



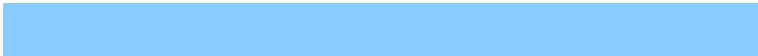
FFACF1

Square

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



35DEC8



88CBFF



FFA4C7



E1C56F

Rectangle

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



35DEC8



00D9FF



FFA4C7



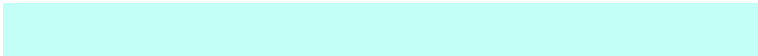
FFB185

Sweetspot

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



35DEC8



C4FFF7



4CDE35



5C807B



000000



808080

Same Dimension

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



35DEC8



17FFE1



35A0DE



65706F



00B099



00302A

Inverse Universe

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



DE354B



FF1735



DE7335



706566



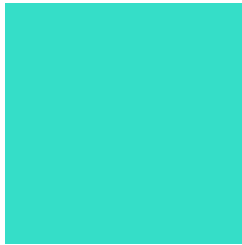
B00017



300006

Previews

White Background



This preview shows how the Hex color 35DEC8 looks on a white background.

Color Contrast Check

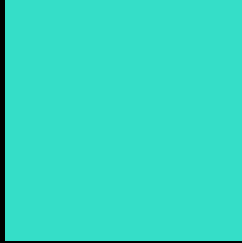
Large Text (above 18pt) WCAG AA × Fail

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 35DEC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

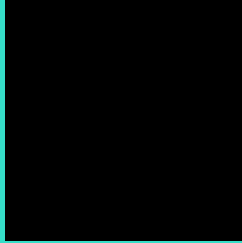
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

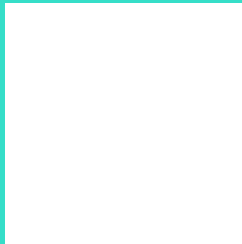
Any Text WCAG AAA ✓ Pass

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

Hex 35DEC8 Background



This preview shows how black text looks on a background with the Hex color 35DEC8.



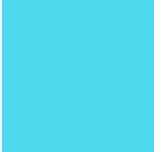
This preview shows how white text looks on a background with the Hex color 35DEC8.

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
4BD9EB

Trichromacy



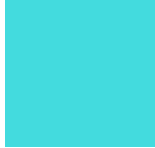
Original Color
35DEC8



Protanomaly
95CEBF



Deuteranomaly
9ACBCC

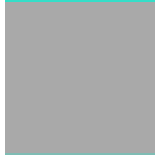


Tritanomaly
43DBDE

Monochromacy



Original Color
35DEC8



Achromatopsia
A9A9A9



Achromatomaly
7FBCB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 35DEC8 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 #35DEC8 looks like.

```
.text, #text, p{  
    color:#35DEC8  
}
```

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 #35DEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35DEC8
}
```

Border

The CSS property to change the border of an element to Hex 35DEC8 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
#35DEC8 }
```

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

```
.border{ border-color:#35DEC8 }
```

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

Here you see how a box with a 4 pixel #35DEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35DEC8; -webkit-box-shadow:4px 4px  
4px 4px #35DEC8; box-shadow:4px 4px 4px  
4px #35DEC8 }
```

Background

The CSS property to change the background color of an element to Hex 35DEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35DEC8 }
```

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

```
.background{ background-color:#35DEC8 }
```

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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