

Converting Colors

Hex(35DEB1)

Have a look what the booklet for
Hex(35DEB1) contains.

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Color

Hex(35DEB1)

Conversions

Conversions Part 1

Format	Color
Hex	35DEB1
RGB	53, 222, 177
RGB Percent	21%, 87%, 69%
CMY	0.7922, 0.1294, 0.3059
CMYK	0.76, 0.00, 0.20, 0.13
HSL	164°, 72%, 54%
HSV	164°, 76%, 87%
XYZ	35.5253, 56.1738, 50.5652
YIQ	166.3390, -86.2790, -49.8230

Conversions

Conversions Part 2

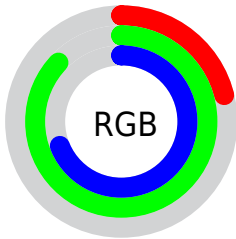
Format	Color
R _{YB}	53, 150, 222
Decimal	3530417
CIE Lab	79.71, -52.39, 10.14
CIE LCh	80, 53.361, 169.043
Yxy	56.1738, 0.2497, 0.3949
Android (android.graphics.Color)	4281720497 (0xFF35DEB1)
YUV	166.3390, 5.2559, -99.3983
Hunter-Lab	74.9492, -46.5535, 12.4638

Details

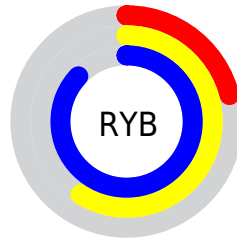
The Hex color **35DEB1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE3562**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7DFFE9**, and **00A67C** is the 20% darker color. If you saturate the color by 10%, you get **1FDEAB**, and if you desaturate by 10%, it is **4BDEB7**.

Distribution



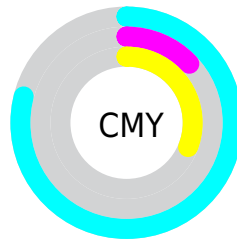
- Red (21%)
- Green (87%)
- Blue (69%)



- Red (21%)
- Yellow (59%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35DEB1 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 35DEB1 by changing the saturation by 10% instead.

 35DEB1

 35DEB1

FFFFFF

 00C296

 7DFFE9

 00A67C

 9CFFFF

 008B63

 BBFFFF

 00704C

 DAFFFF

 005735

 F9FFFF

 003E1F

 002709

 000000

 35DEB1

 35DEB1

 1FDEAB

 4BDEB7

 09DEA5

 61DEBD

 00DEA3

 78DEC3

 8EDEC9

 A4DEC F

 BADED4

 D0DEDA

 E7DEE0

 FDDEE6

Harmonies

Analogous

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



8BD882



35DEB1



00DFE4

Triad

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



35DEB1



ADC0FF



FFAA7C

Complementary

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



35DEB1



DE3562

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.



FF9EA8



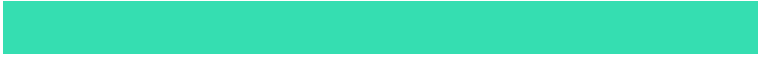
35DEB1



F1ACFF

Square

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



35DEB1



3CD0FF



FF9EDA



F4BC62

Rectangle

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



35DEB1



00DDFF



FF9EDA



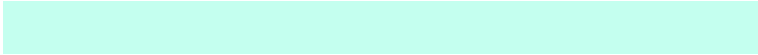
FFA589

Sweetspot

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



35DEB1



C4FFEF



62DE35



5C8076



000000



808080

Same Dimension

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



35DEB1



17FFC1



35B7DE



65706D



00B081



003024

Inverse Universe

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



DE3562



FF1755



DE5C35



706568



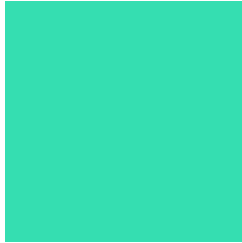
B0002F



30000D

Previews

White Background



This preview shows how the Hex color 35DEB1 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 35DEB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

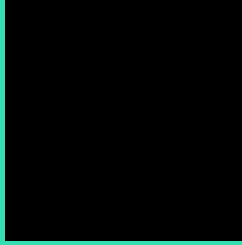
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

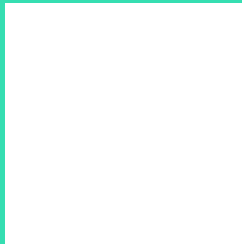
Any Text WCAG AAA ✓ Pass

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

Hex 35DEB1 Background



This preview shows how black text looks on a background with the Hex color 35DEB1.



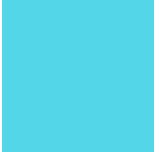
This preview shows how white text looks on a background with the Hex color 35DEB1.

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
53D7E8

Trichromacy



Original Color
35DEB1



Protanomaly
97CDA9



Deuteranomaly
9FC9B5



Tritanomaly
48DAD4

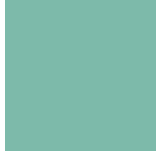
Monochromacy



Original Color
35DEB1



Achromatopsia
A6A6A6



Achromatomaly
7DBAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 35DEB1 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 #35DEB1 looks like.

```
.text, #text, p{  
    color:#35DEB1  
}
```

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 #35DEB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35DEB1
}
```

Border

The CSS property to change the border of an element to Hex 35DEB1 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
#35DEB1 }
```

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

```
.border{ border-color:#35DEB1 }
```

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

Here you see how a box with a 4 pixel #35DEB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35DEB1; -webkit-box-shadow:4px 4px  
4px 4px #35DEB1; box-shadow:4px 4px 4px  
4px #35DEB1 }
```

Background

The CSS property to change the background color of an element to Hex 35DEB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35DEB1 }
```

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

```
.background{ background-color:#35DEB1 }
```

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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