

Converting Colors

Hex(41DE97)

Have a look what the booklet for
Hex(41DE97) contains.

Hex(41DE97)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41DE97)

Conversions

Conversions Part 1

Format	Color
Hex	41DE97
RGB	65, 222, 151
RGB Percent	25%, 87%, 59%
CMY	0.7451, 0.1294, 0.4078
CMYK	0.71, 0.00, 0.32, 0.13
HSL	153°, 70%, 56%
HSV	153°, 71%, 87%
XYZ	33.8872, 55.6007, 38.2241
YIQ	166.9630, -70.7810, -55.3650

Conversions

Conversions Part 2

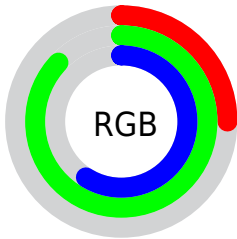
Format	Color
RYB	65, 166, 222
Decimal	4316823
CIELab	79.39, -56.60, 23.37
CIElCh	79, 61.239, 157.565
Yxy	55.6007, 0.2653, 0.4354
Android (android.graphics.Color)	4282506903 (0xFF41DE97)
YUV	166.9630, -7.8698, -89.4216
Hunter-Lab	74.5659, -49.3693, 21.8028

Details

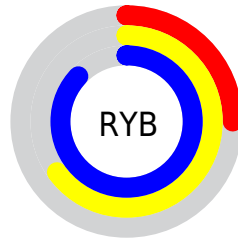
The Hex color **41DE97** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DE4188**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **84FFCE**, and **00A664** is the 20% darker color. If you saturate the color by 10%, you get **2BDE8D**, and if you desaturate by 10%, it is **57DEA1**.

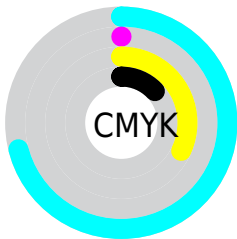
Distribution



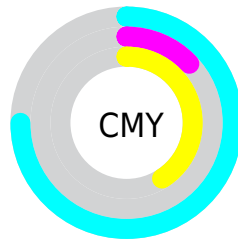
- Red (25%)
- Green (87%)
- Blue (59%)



- Red (25%)
- Yellow (65%)
- Blue (87%)



- Cyan (71%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (75%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41DE97 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 41DE97 by changing the saturation by 10% instead.

 41DE97

 41DE97

FFFFFF

 08C17D

 84FFCE

 00A664

 A2FFEA

 008A4B

 C1FFFF

 007034

 DFFFFFF

 00561E

FEFFFF

 003D07

 002600

 000000

 41DE97

 41DE97

 2BDE8D

 57DEA1

 15DE83

 6DDEAB

 00DE7A

 84DEB5

 9ADEBF

 B0DEC9

 C6DED3

 DCDEDD

 F3DEE7

 FFDEF1

Harmonies

Analogous

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



9BD566



41DE97



00E1D2

Triad

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



41DE97



77C6FF



FF9D82

Complementary

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



41DE97



DE4188

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.



FF93B8



41DE97



DCB0FF

Square

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



41DE97



00D6FF



FF9BF1



FFB25A

Rectangle

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



41DE97



00E0F8



FF9BF1



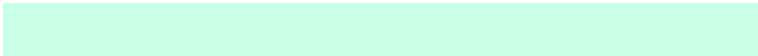
FF9893

Sweetspot

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



41DE97



C9FFE7



8ADE41



608071



000000



808080

Same Dimension

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



41DE97



26FF9D



41D9DE



65706B



00B060



00301B

Inverse Universe

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



DE4188



FF2688



DE4641



70656A



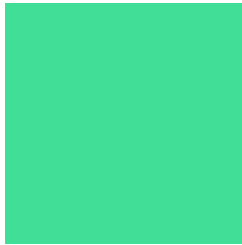
B00050



300016

Previews

White Background



This preview shows how the Hex color 41DE97 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 41DE97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

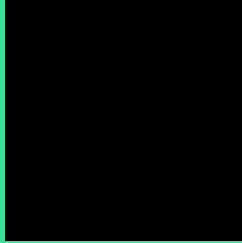
Any Text WCAG AA ✓ Pass

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 41DE97 Background



This preview shows how black text looks on a background with the Hex color 41DE97.

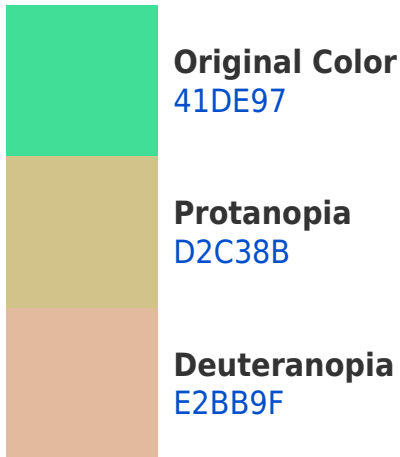


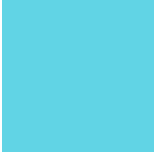
This preview shows how white text looks on a background with the Hex color 41DE97.

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
61D4E5

Trichromacy



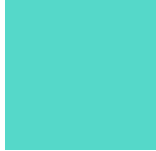
Original Color
41DE97



Protanomaly
9DCD8F



Deuteranomaly
A7C89C

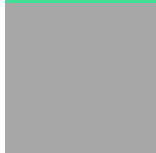


Tritanomaly
55D8C9

Monochromacy



Original Color
41DE97



Achromatopsia
A7A7A7



Achromatomaly
82BBA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 41DE97 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 #41DE97 looks like.

```
.text, #text, p{  
    color:#41DE97  
}
```

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 #41DE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DE97
}
```

Border

The CSS property to change the border of an element to Hex 41DE97 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
#41DE97 }
```

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

```
.border{ border-color:#41DE97 }
```

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

Here you see how a box with a 4 pixel #41DE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DE97; -webkit-box-shadow:4px 4px  
4px 4px #41DE97; box-shadow:4px 4px 4px  
4px #41DE97 }
```

Background

The CSS property to change the background color of an element to Hex 41DE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DE97 }
```

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

```
.background{ background-color:#41DE97 }
```

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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