

Converting Colors

Hex(41DEF4)

Have a look what the booklet for
Hex(41DEF4) contains.

Hex(41DEF4)	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(41DEF4)

Conversions

Conversions Part 1

Format	Color
Hex	41DEF4
RGB	65, 222, 244
RGB Percent	25%, 87%, 96%
CMY	0.7451, 0.1294, 0.0431
CMYK	0.73, 0.09, 0.00, 0.04
HSL	187°, 89%, 61%
HSV	187°, 73%, 96%
XYZ	44.6304, 59.8980, 94.7972
YIQ	177.5650, -100.6340, -26.4420

Conversions

Conversions Part 2

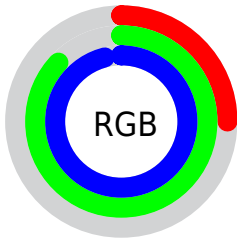
Format	Color
R _{YB}	65, 149, 244
Decimal	4316916
CIE Lab	81.78, -32.85, -22.38
CIE LCh	82, 39.750, 214.270
Yxy	59.8980, 0.2239, 0.3005
Android (android.graphics.Color)	4282506996 (0xFF41DEF4)
YUV	177.5650, 32.7525, -98.7195
Hunter-Lab	77.3938, -32.5043, -18.4467

Details

The Hex color **41DEF4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F45741**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **89FFFF**, and **00A6BC** is the 20% darker color. If you saturate the color by 10%, you get **29DBF4**, and if you desaturate by 10%, it is **59E1F4**.

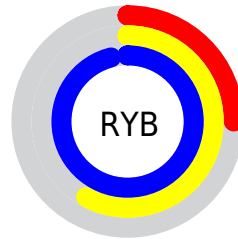
Distribution



Red (25%)

Green (87%)

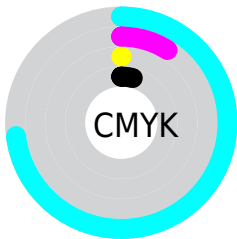
Blue (96%)



Red (25%)

Yellow (58%)

Blue (96%)

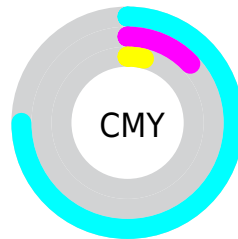


Cyan (73%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41DEF4 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 41DEF4 by changing the saturation by 10% instead.

 41DEF4

FFFFFF

 89FFFF

 A9FFFF

 C9FFFF

 E8FFFF

 41DEF4

 00C2D8

 00A6BC

 008CA1

 007287

 00596D

 004155

 002A3D

 000E28

 000112

 41DEF4

 41DEF4

 29DBF4

 59E1F4

 10D8F4

 72E4F4

 00D6F4

 8AE7F4

 A3EAF4

 BBEDF4

 D3F0F4

 ECF3F4

 FFF6F4

 FFF9F4

Harmonies

Analogous

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



5DE0D0



41DEF4



64D8FF

Triad

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



41DEF4



FFB4EC



DFCB80

Complementary

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



41DEF4



F45741

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.



FFBE89



41DEF4



FFAFC7

Square

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



41DEF4



D7C0FF



FFB3A3



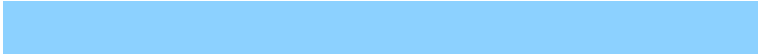
B7D68D

Rectangle

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



41DEF4



8CD1FF



FFB3A3



EBC781

Sweetspot

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



41DEF4



C7F8FF



41F456



5E7B80



000000



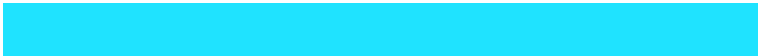
808080

Same Dimension

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



41DEF4



1FE3FF



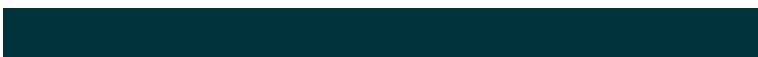
4186F4



6E797A



00A3BA



00333B

Inverse Universe

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



F441DE



FF1FE3



F4AF41



7A6E79



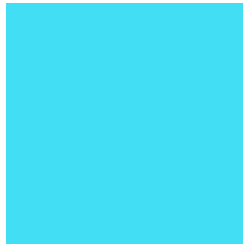
BA00A3



3B0033

Previews

White Background



This preview shows how the Hex color 41DEF4 looks on a white background.

Color Contrast Check

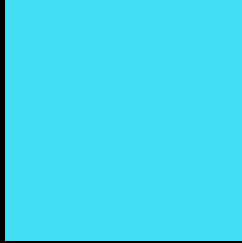
Large Text (above 18pt) WCAG AA × Fail

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 41DEF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

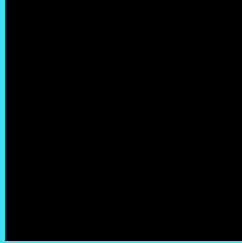
Any Text WCAG AA ✓ Pass

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 41DEF4 Background



This preview shows how black text looks on a background with the Hex color 41DEF4.

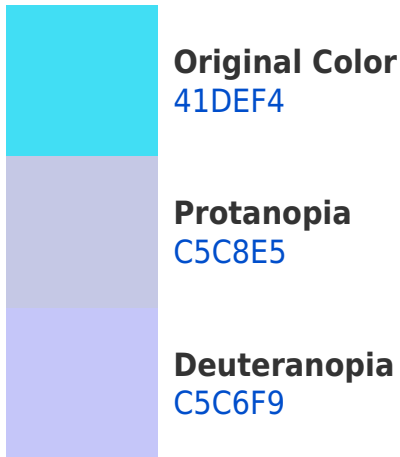


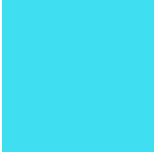
This preview shows how white text looks on a background with the Hex color 41DEF4.

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](#).

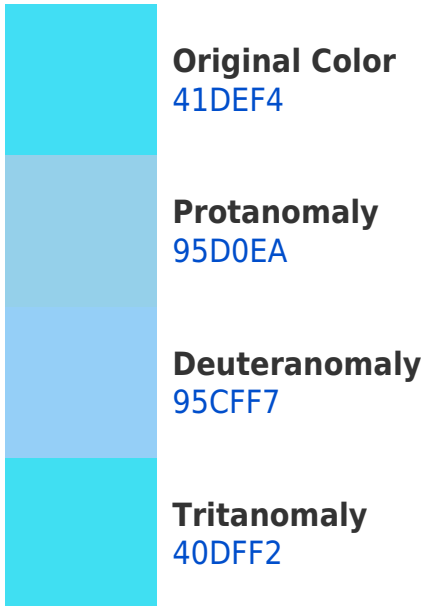
Dichromacy



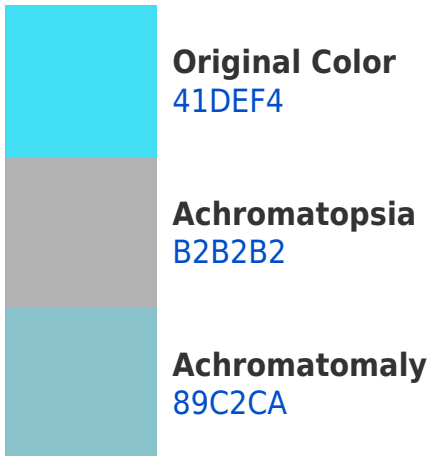


Tritanopia
3FDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41DEF4 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 #41DEF4 looks like.

```
.text, #text, p{  
    color:#41DEF4  
}
```

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 #41DEF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DEF4  
}
```

Border

The CSS property to change the border of an element to Hex 41DEF4 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  
#41DEF4 }
```

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

```
.border{ border-color:#41DEF4 }
```

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

Here you see how a box with a 4 pixel #41DEF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DEF4; -webkit-box-shadow:4px 4px  
4px 4px #41DEF4; box-shadow:4px 4px 4px  
4px #41DEF4 }
```

Background

The CSS property to change the background color of an element to Hex 41DEF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DEF4 }
```

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

```
.background{ background-color:#41DEF4 }
```

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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