

Converting Colors

Hex(41CFE8)

Have a look what the booklet for
Hex(41CFE8) contains.

Hex(41CFE8)	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(41CFE8)

Conversions

Conversions Part 1

Format	Color
Hex	41CFE8
RGB	65, 207, 232
RGB Percent	25%, 81%, 91%
CMY	0.7451, 0.1882, 0.0902
CMYK	0.72, 0.11, 0.00, 0.09
HSL	189°, 78%, 58%
HSV	189°, 72%, 91%
XYZ	39.0583, 51.5757, 84.2404
YIQ	167.3920, -92.6570, -22.3290

Conversions

Conversions Part 2

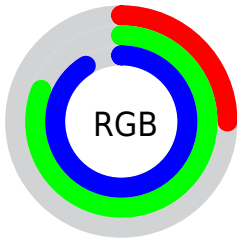
Format	Color
R _{YB}	65, 142, 232
Decimal	4313064
CIE _{Lab}	77.03, -29.25, -23.21
CIE _{LCh}	77, 37.339, 218.442
Yxy	51.5757, 0.2234, 0.2949
Android (android.graphics.Color)	4282503144 (0xFF41CFE8)
YUV	167.3920, 31.8517, -89.7978
Hunter-Lab	71.8162, -28.5985, -19.2759

Details

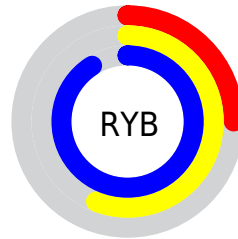
The Hex color **41CFE8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E85A41**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **87FFFF**, and **0098B0** is the 20% darker color. If you saturate the color by 10%, you get **2ACCE8**, and if you desaturate by 10%, it is **58D2E8**.

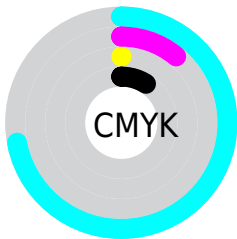
Distribution



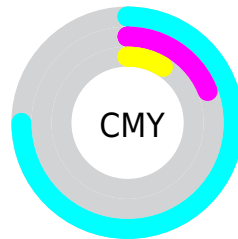
- Red (25%)
- Green (81%)
- Blue (91%)



- Red (25%)
- Yellow (56%)
- Blue (91%)



- Cyan (72%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41CFE8 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 41CFE8 by changing the saturation by 10% instead.

 41CFE8

FFFFFF

 87FFFF


 A6FFFF

 C5FFFF

 E4FFFF

 41CFE8

 00B3CC

 0098B0

 007E96

 00657C

 004C63

 00354B

 002234

 00021F

 000002

 41CFE8

 41CFE8

 2ACCE8

 58D2E8

 13C8E8

 6FD6E8

 00C5E8

 87D9E8

 9EDDE8

 B5E0E8

 CCE4E8

 E3E7E8

 FBEBE8

 FFEEE8

Harmonies

Analogous

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



53D1C7



41CFE8



66C9FE

Triad

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



41CFE8



F2A7D8



CCBF79

Complementary

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



41CFE8



E85A41

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.



EBB37F



41CFE8



FFA4B6

Square

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



41CFE8



CFB2F4



FEA995



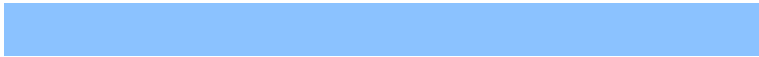
A6C987

Rectangle

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



41CFE8



8BC2FF



FEA995



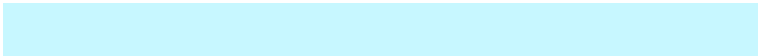
D7BB79

Sweetspot

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



41CFE8



C7F7FF



41E857



5E7B80



000000



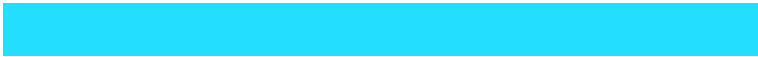
808080

Same Dimension

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



41CFE8



24DEFF



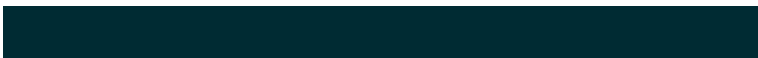
417EE8



677173



0098B3



002B33

Inverse Universe

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



E841CF



FF24DE



E8AB41



736771



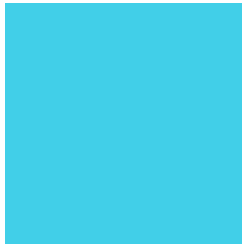
B30098



33002B

Previews

White Background



This preview shows how the Hex color 41CFE8 looks on a white background.

Color Contrast Check

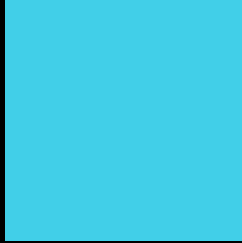
Large Text (above 18pt) WCAG AA × Fail

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 41CFE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

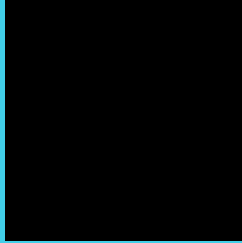
Any Text WCAG AA ✓ Pass

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 41CFE8 Background



This preview shows how black text looks on a background with the Hex color 41CFE8.

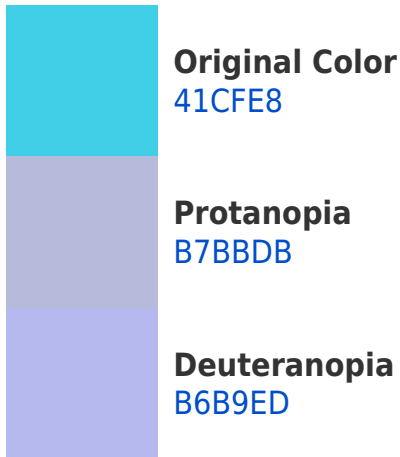


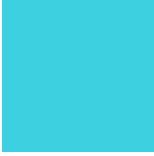
This preview shows how white text looks on a background with the Hex color 41CFE8.

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



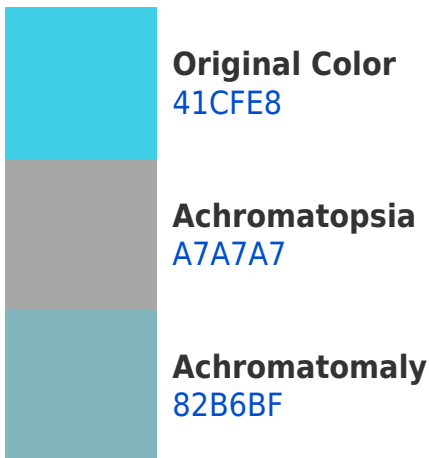


Tritanopia
3CD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41CFE8 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 #41CFE8 looks like.

```
.text, #text, p{  
    color:#41CFE8  
}
```

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 #41CFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CFE8
}
```

Border

The CSS property to change the border of an element to Hex 41CFE8 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
#41CFE8 }
```

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

```
.border{ border-color:#41CFE8 }
```

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

Here you see how a box with a 4 pixel #41CFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CFE8; -webkit-box-shadow:4px 4px  
4px 4px #41CFE8; box-shadow:4px 4px 4px  
4px #41CFE8 }
```

Background

The CSS property to change the background color of an element to Hex 41CFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CFE8 }
```

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

```
.background{ background-color:#41CFE8 }
```

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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