

Converting Colors

Hex(4DEAFF)

Have a look what the booklet for
Hex(4DEAFF) contains.

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Color

Hex(4DEAFF)

Conversions

Conversions Part 1

Format	Color
Hex	4DEAFF
RGB	77, 234, 255
RGB Percent	30%, 92%, 100%
CMY	0.6980, 0.0824, 0.0000
CMYK	0.70, 0.08, 0.00, 0.00
HSL	187°, 100%, 65%
HSV	187°, 70%, 100%
XYZ	50.5334, 67.6434, 105.0008
YIQ	189.4510, -100.3130, -26.7530

Conversions

Conversions Part 2

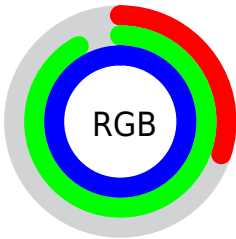
Format	Color
RYB	77, 160, 255
Decimal	5106431
CIELab	85.83, -33.86, -22.03
CIELCh	86, 40.392, 213.051
Yxy	67.6434, 0.2264, 0.3031
Android (android.graphics.Color)	4283296511 (0xFF4DEAFF)
YUV	189.4510, 32.3157, -98.6195
Hunter-Lab	82.2456, -34.2558, -18.1221

Details

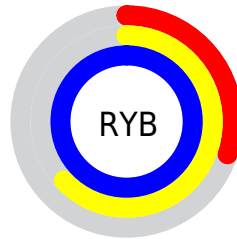
The Hex color **4DEAFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF624D**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **93FFFF**, and **00B2C6** is the 20% darker color. If you saturate the color by 10%, you get **34E7FF**, and if you desaturate by 10%, it is **67EDFF**.

Distribution



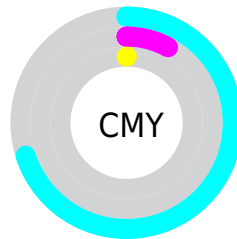
- Red (30%)
- Green (92%)
- Blue (100%)



- Red (30%)
- Yellow (63%)
- Blue (100%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DEAFF 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 4DEAFF by changing the saturation by 10% instead.

 4DEAFF

 4DEAFF

FFFFFF

 16CEE2

 93FFFF

 00B2C6

 B3FFFF

 0097AB

 D3FFFF

 007C90

 F2FFFF

 006377

 004B5E

 003346

 001E30

 00011B

 4DEAFF

 4DEAFF

 34E7FF

 67EDFF

 1AE4FF

 80F0FF

 01E1FF

 9AF3FF

 00E1FF

 B3F6FF

 CDF9FF

 E6FCFF

FFFFFF

Harmonies

Analogous

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



68EBD9



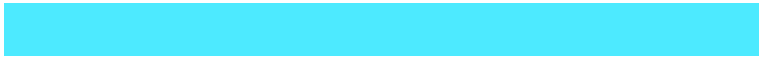
4DEAFF



6CE4FF

Triad

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



4DEAFF



FFBFFA



EDD68A

Complementary

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



4DEAFF



FF624D

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.



FFC893



4DEAFF



FFB9D4

Square

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



4DEAFF



E1CBFF



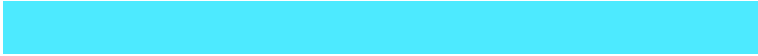
FFBDAF



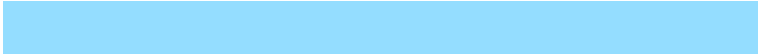
C4E195

Rectangle

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



4DEAFF



94DDFF



FFBDAF



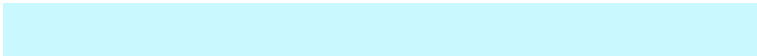
F9D18B

Sweetspot

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



4DEAFF



C9F9FF



4DFF62



607C80



000000



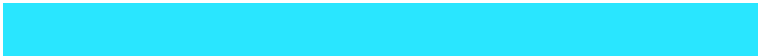
808080

Same Dimension

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



4DEAFF



29E6FF



4D91FF



737E80



00A9BF



003840

Inverse Universe

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



FF4DEA



FF29E6



FFBB4D



80737E



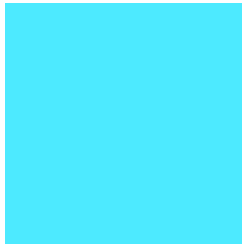
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 4DEAFF looks on a white background.

Color Contrast Check

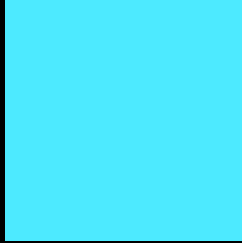
Large Text (above 18pt) WCAG AA × Fail

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 4DEAFF 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 4DEAFF Background



This preview shows how black text looks on a background with the Hex color 4DEAFF.

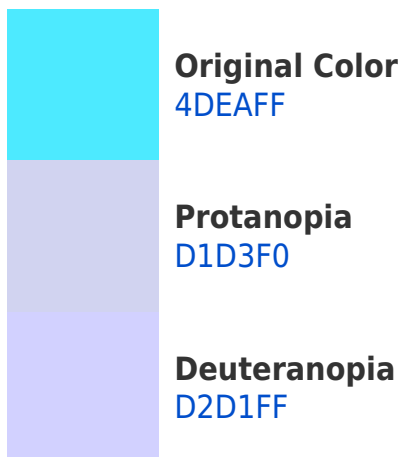


This preview shows how white text looks on a background with the Hex color 4DEAFF.

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
4CEAFD

Trichromacy



Original Color
4DEAFF



Protanomaly
A1DBF5



Deuteranomaly
A2DAFF

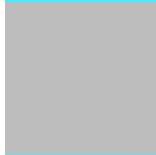


Tritanomaly
4CEAFE

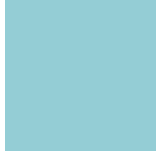
Monochromacy



Original Color
4DEAFF



Achromatopsia
BDBBBD



Achromatomaly
94CDD5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DEAFF 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 #4DEAFF looks like.

```
.text, #text, p{  
    color:#4DEAFF  
}
```

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 #4DEAFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4DEAFF 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
#4DEAFF }
```

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

```
.border{ border-color:#4DEAFF }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 4DEAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DEAFF }
```

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

```
.background{ background-color:#4DEAFF }
```

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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