

Converting Colors

Hex(4DEEF1)

Have a look what the booklet for
Hex(4DEEF1) contains.

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Color

Hex(4DEEF1)

Conversions

Conversions Part 1

Format	Color
Hex	4DEEF1
RGB	77, 238, 241
RGB Percent	30%, 93%, 95%
CMY	0.6980, 0.0667, 0.0549
CMYK	0.68, 0.01, 0.00, 0.05
HSL	181°, 85%, 62%
HSV	181°, 68%, 95%
XYZ	49.5123, 69.0777, 93.9429
YIQ	190.2030, -96.9190, -33.1990

Conversions

Conversions Part 2

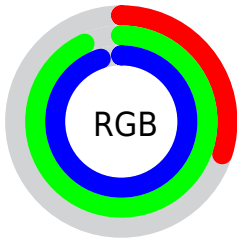
Format	Color
RYB	77, 158, 241
Decimal	5107441
CIELab	86.54, -39.68, -13.60
CIElCh	87, 41.949, 198.919
Yxy	69.0777, 0.2330, 0.3250
Android (android.graphics.Color)	4283297521 (0xFF4DEEF1)
YUV	190.2030, 25.0429, -99.2790
Hunter-Lab	83.1130, -39.1113, -8.8365

Details

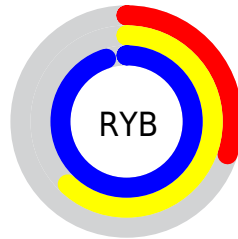
The Hex color **4DEEF1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F1504D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **92FFFF**, and **00B5B9** is the 20% darker color. If you saturate the color by 10%, you get **35EEF1**, and if you desaturate by 10%, it is **65EEF1**.

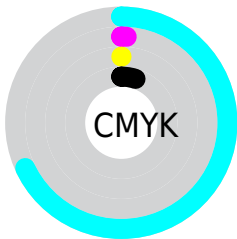
Distribution



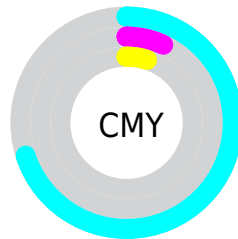
- Red (30%)
- Green (93%)
- Blue (95%)



- Red (30%)
- Yellow (62%)
- Blue (95%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (70%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DEEF1 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 4DEEF1 by changing the saturation by 10% instead.

 4DEEF1

FFFFFF

 92FFFF

 B2FFFF


 D2FFFF

 F1FFFF

 4DEEF1

 18D1D5

 00B5B9

 009A9E

 008084

 00666B

 004D53

 00353C

 002026

 000111

 4DEEF1

 4DEEF1

 35EEF1

 65EEF1

 1DEDF1

 7DEFF1

 05EDF1

 95EFF1

 00EDF1

 ADF0F1

 C6F0F1

 DEF1F1

 F6F1F1

 FFF2F1

Harmonies

Analogous

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



7BEDC8



4DEEF1



4FEAFF

Triad

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



4DEEF1



FCC5FF



FFD18B

Complementary

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



4DEEF1



F1504D

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.



FFC49E



4DEEF1



FFBCE9

Square

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



4DEEF1



C8D4FF



FFBBC1



DADE8C

Rectangle

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



4DEEF1



73E4FF



FFBBC1



FFCC8F

Sweetspot

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



4DEEF1



CCFEFF



4DF150



617F80



000000



808080

Same Dimension

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



4DEEF1



2EFBFF



4D9CF1



6C7878



00B4B8



003738

Inverse Universe

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



F14DEE



FF2EFB



F1A24D



786C78



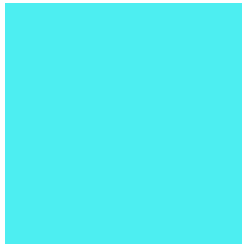
B800B4



380037

Previews

White Background



This preview shows how the Hex color 4DEEF1 looks on a white background.

Color Contrast Check

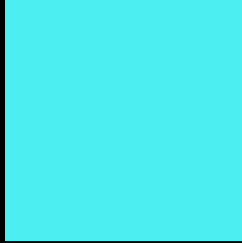
Large Text (above 18pt) WCAG AA × Fail

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 4DEEF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

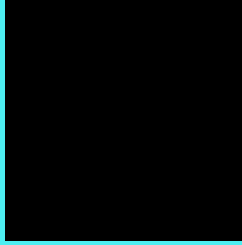
Any Text WCAG AA ✓ Pass

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 4DEEF1 Background



This preview shows how black text looks on a background with the Hex color 4DEEF1.

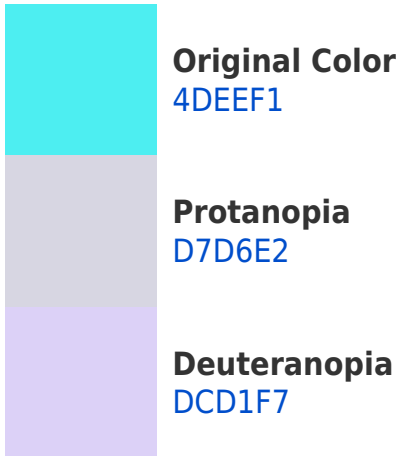


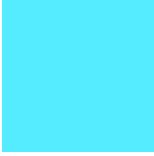
This preview shows how white text looks on a background with the Hex color 4DEEF1.

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
55ECFF

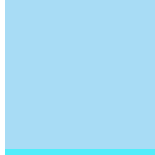
Trichromacy



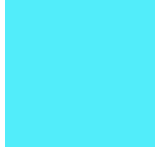
Original Color
4DEEF1



Protanomaly
A5DFE7



Deuteranomaly
A8DCF5

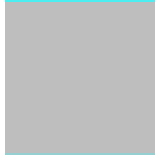


Tritanomaly
52EDFA

Monochromacy



Original Color
4DEEF1



Achromatopsia
BEBEBE



Achromatomaly
95CFD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DEEF1 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 #4DEEF1 looks like.

```
.text, #text, p{  
    color:#4DEEF1  
}
```

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 #4DEEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DEEF1  
}
```

Border

The CSS property to change the border of an element to Hex 4DEEF1 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  
#4DEEF1 }
```

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

```
.border{ border-color:#4DEEF1 }
```

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

Here you see how a box with a 4 pixel #4DEEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DEEF1; -webkit-box-shadow:4px 4px  
4px 4px #4DEEF1; box-shadow:4px 4px 4px  
4px #4DEEF1 }
```

Background

The CSS property to change the background color of an element to Hex 4DEEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DEEF1 }
```

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

```
.background{ background-color:#4DEEF1 }
```

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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