

Converting Colors

Hex(2DE6F6)

Have a look what the booklet for
Hex(2DE6F6) contains.

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Color

Hex(2DE6F6)

Conversions

Conversions Part 1

Format	Color
Hex	2DE6F6
RGB	45, 230, 246
RGB Percent	18%, 90%, 96%
CMY	0.8235, 0.0980, 0.0353
CMYK	0.82, 0.07, 0.00, 0.04
HSL	185°, 92%, 57%
HSV	185°, 82%, 96%
XYZ	46.0136, 63.8053, 97.0793
YIQ	176.5090, -115.3960, -34.2440

Conversions

Conversions Part 2

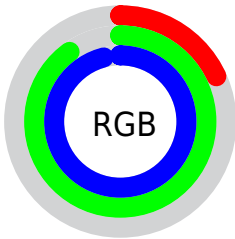
Format	Color
R _Y B	45, 141, 246
Decimal	3008246
CIE Lab	83.86, -37.85, -20.31
CIE LCh	84, 42.955, 208.225
Yxy	63.8053, 0.2224, 0.3084
Android (android.graphics.Color)	4281198326 (0xFF2DE6F6)
YUV	176.5090, 34.2591, -115.3334
Hunter-Lab	79.8782, -36.9627, -16.1428

Details

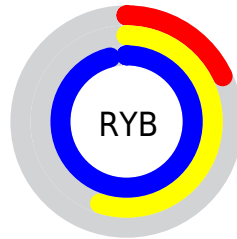
The Hex color **2DE6F6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F63D2D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **80FFFF**, and **00AEBE** is the 20% darker color. If you saturate the color by 10%, you get **14E4F6**, and if you desaturate by 10%, it is **46E8F6**.

Distribution



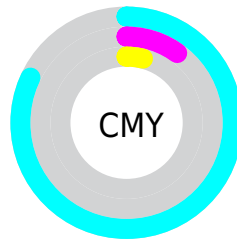
- Red (18%)
- Green (90%)
- Blue (96%)



- Red (18%)
- Yellow (55%)
- Blue (96%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DE6F6 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 2DE6F6 by changing the saturation by 10% instead.

 2DE6F6

 2DE6F6

FFFFFF

 00CADA

 80FFFF

 00AEBE

 A1FFFF

 0093A3

 C2FFFF

 007988

 E2FFFF

 005F6F

 004757

 002F3F

 001829

 000114

 2DE6F6

 2DE6F6

 14E4F6

 46E8F6

 00E2F6

 5EEAF6

 77ECF6

 8FEEF6

 A8F0F6

 C1F2F6

 D9F4F6

 F2F6F6

 FFF8F6

Harmonies

Analogous

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



5FE7CD



2DE6F6



4DE0FF

Triad

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



2DE6F6



FFBAFC



EECE80

Complementary

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



2DE6F6



F63D2D

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.



FFC08D



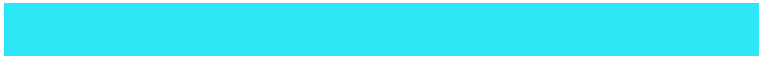
2DE6F6



FFB2D5

Square

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



2DE6F6



D2C8FF



FFB5AD



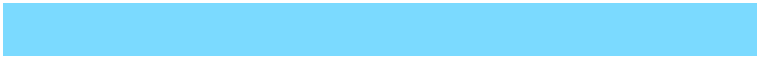
C4DA88

Rectangle

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



2DE6F6



7BDAFF



FFB5AD



FAC982

Sweetspot

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



2DE6F6



BFFAFF



2DF63A



597C80



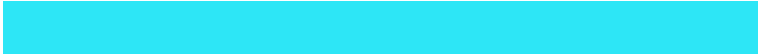
000000



808080

Same Dimension

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



2DE6F6



05EBFF



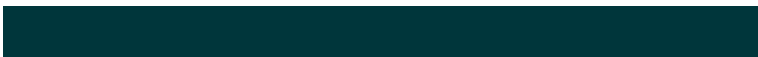
2D84F6



6E797A



00ABBA



00363B

Inverse Universe

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



F62DE6



FF05EB



F69F2D



7A6E79



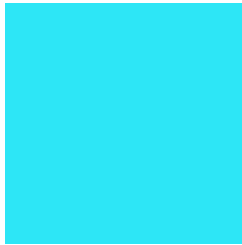
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 2DE6F6 looks on a white background.

Color Contrast Check

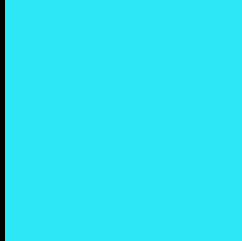
Large Text (above 18pt) WCAG AA × Fail

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 2DE6F6 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 2DE6F6 Background



This preview shows how black text looks on a background with the Hex color 2DE6F6.

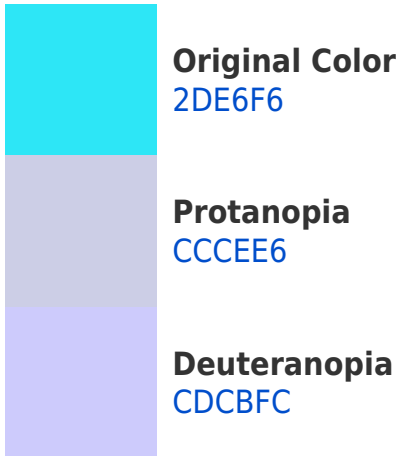


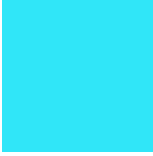
This preview shows how white text looks on a background with the Hex color 2DE6F6.

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



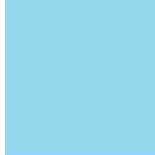


Tritanopia
30E6F8

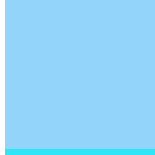
Trichromacy



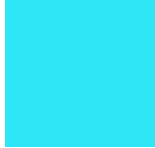
Original Color
2DE6F6



Protanomaly
92D7EC



Deuteranomaly
93D5FA

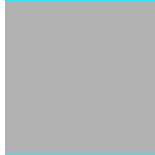


Tritanomaly
2FE6F7

Monochromacy



Original Color
2DE6F6



Achromatopsia
B1B1B1



Achromatomaly
81C4CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DE6F6 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 #2DE6F6 looks like.

```
.text, #text, p{  
    color:#2DE6F6  
}
```

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 #2DE6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DE6F6
}
```

Border

The CSS property to change the border of an element to Hex 2DE6F6 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
#2DE6F6 }
```

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

```
.border{ border-color:#2DE6F6 }
```

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

Here you see how a box with a 4 pixel #2DE6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DE6F6; -webkit-box-shadow:4px 4px  
4px 4px #2DE6F6; box-shadow:4px 4px 4px  
4px #2DE6F6 }
```

Background

The CSS property to change the background color of an element to Hex 2DE6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DE6F6 }
```

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

```
.background{ background-color:#2DE6F6 }
```

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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