

Converting Colors

Hex(02E1F5)

Have a look what the booklet for
Hex(02E1F5) contains.

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Color

Hex(02E1F5)

Conversions

Conversions Part 1

Format	Color
Hex	02E1F5
RGB	2, 225, 245
RGB Percent	1%, 88%, 96%
CMY	0.9922, 0.1176, 0.0392
CMYK	0.99, 0.08, 0.00, 0.04
HSL	185°, 98%, 48%
HSV	185°, 99%, 96%
XYZ	43.4317, 60.4559, 95.7663
YIQ	160.6030, -139.3280, -41.0560

Conversions

Conversions Part 2

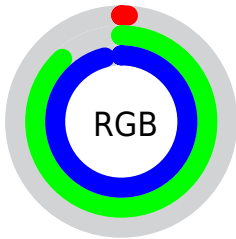
Format	Color
R _Y B	2, 118, 245
Decimal	188917
CIE _{Lab}	82.09, -37.66, -22.51
CIE _{LCh}	82, 43.879, 210.865
Y _{xy}	60.4559, 0.2175, 0.3028
Android (android.graphics.Color)	4278378997 (0xFF02E1F5)
YUV	160.6030, 41.6077, -139.0948
Hunter-Lab	77.7534, -36.3615, -18.5981

Details

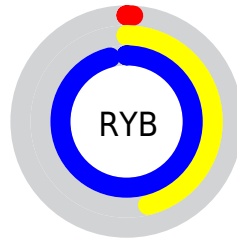
The Hex color **02E1F5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F51602**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FFFF**, and **00A9BD** is the 20% darker color. If you saturate the color by 10%, you get **00E1F5**, and if you desaturate by 10%, it is **1AE3F5**.

Distribution



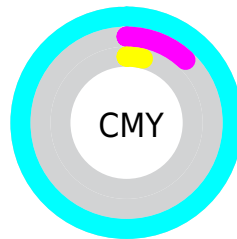
- Red (1%)
- Green (88%)
- Blue (96%)



- Red (1%)
- Yellow (46%)
- Blue (96%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (99%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02E1F5 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 02E1F5 by changing the saturation by 10% instead.

 02E1F5

 02E1F5

FFFFFF

 00C5D9

 74FFFF

 00A9BD

 96FFFF

 008EA2

 B8FFFF

 007487

 D8FFFF

 005B6E

 F8FFFF

 004356

 002C3E

 001029

 000113

■ 02E1F5

■ 02E1F5

■ 00E1F5

■ 1AE3F5

■ 33E5F5

■ 4CE7F5

■ 64E9F5

■ 7DEBF5

■ 95EDF5

■ AEEFF5

■ C6F1F5

■ DFF3F5

Harmonies

Analogous

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



4FE2CC



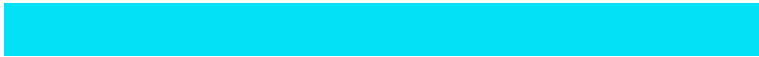
02E1F5



45DBFF

Triad

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



02E1F5



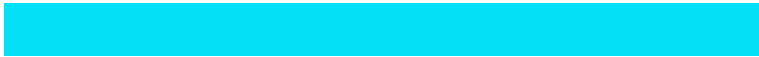
FFB3F5



E6CA79

Complementary

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



02E1F5



F51602

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.



FFBC85



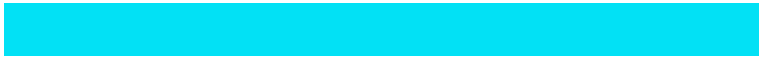
02E1F5



FFACCD

Square

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



02E1F5



D2C1FF



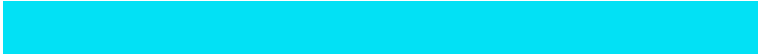
FFB0A4



BBD684

Rectangle

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



02E1F5



79D4FF



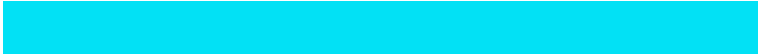
FFB0A4



F2C57B

Sweetspot

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



02E1F5



B3F9FF



02F512



527C80



000000



808080

Same Dimension

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



02E1F5



00EAFF



026BF5



6E797A



00ABBA



00363B

Inverse Universe

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



F502E1



FF00EA



F58C02



7A6E79



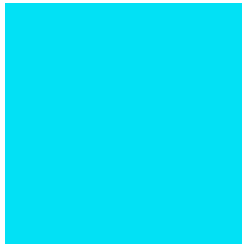
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 02E1F5 looks on a white background.

Color Contrast Check

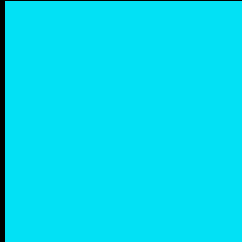
Large Text (above 18pt) WCAG AA × Fail

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 02E1F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

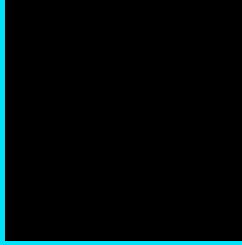
Any Text WCAG AA ✓ Pass

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 02E1F5 Background



This preview shows how black text looks on a background with the Hex color 02E1F5.

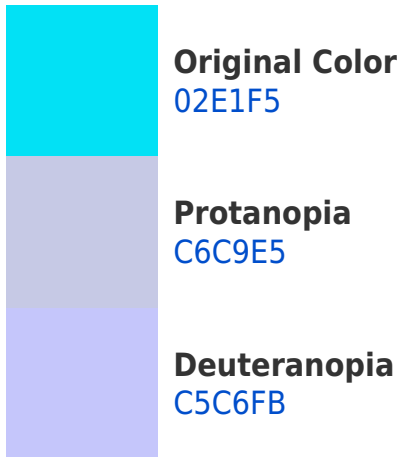


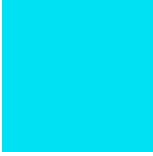
This preview shows how white text looks on a background with the Hex color 02E1F5.

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



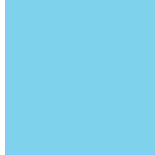


Tritanopia
00E1F3

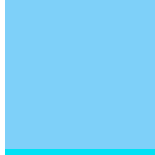
Trichromacy



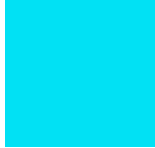
Original Color
02E1F5



Protanomaly
7FD2EB



Deuteranomaly
7ED0F9



Tritanomaly
01E1F4

Monochromacy



Original Color
02E1F5



Achromatopsia
A1A1A1



Achromatomaly
67B8C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 02E1F5 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 #02E1F5 looks like.

```
.text, #text, p{  
    color:#02E1F5  
}
```

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 #02E1F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02E1F5
}
```

Border

The CSS property to change the border of an element to Hex 02E1F5 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
#02E1F5 }
```

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

```
.border{ border-color:#02E1F5 }
```

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

Here you see how a box with a 4 pixel #02E1F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02E1F5; -webkit-box-shadow:4px 4px  
4px 4px #02E1F5; box-shadow:4px 4px 4px  
4px #02E1F5 }
```

Background

The CSS property to change the background color of an element to Hex 02E1F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02E1F5 }
```

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

```
.background{ background-color:#02E1F5 }
```

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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