

# Converting Colors

Hex(27E2FF)

Have a look what the booklet for  
Hex(27E2FF) contains.

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# **Color**

**Hex(27E2FF)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 27E2FF                        |
| RGB         | 39, 226, 255                  |
| RGB Percent | 15%, 89%, 100%                |
| CMY         | 0.8471, 0.1137, 0.0000        |
| CMYK        | 0.85, 0.11, 0.00, 0.00        |
| HSL         | 188°, 100%, 58%               |
| HSV         | 188°, 85%, 100%               |
| XYZ         | 46.0831, 62.0440, 104.1546    |
| YIQ         | 173.3930, -120.7610, -30.6250 |

# Conversions

## Conversions Part 2

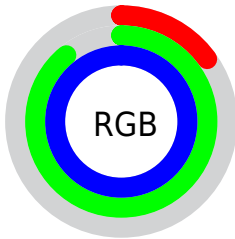
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 39, 139, 255                    |
| Decimal                             | 2614015                         |
| CIE Lab                             | 82.94, -33.65, -26.48           |
| CIE LCh                             | 83, 42.822, 218.199             |
| Yxy                                 | 62.0440, 0.2171,<br>0.2923      |
| Android<br>(android.graphics.Color) | 4280804095<br>(0xFF27E2FF)      |
| YUV                                 | 173.3930, 40.2323,<br>-117.8627 |
| Hunter-Lab                          | 78.7680, -33.4131,<br>-23.2613  |

# Details

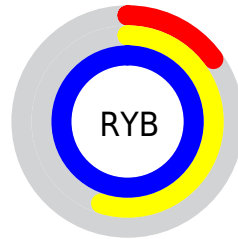
The Hex color **27E2FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4427**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7EFFFF**, and **00AAC6** is the 20% darker color. If you saturate the color by 10%, you get **0EDFFF**, and if you desaturate by 10%, it is **41E5FF**.

# Distribution



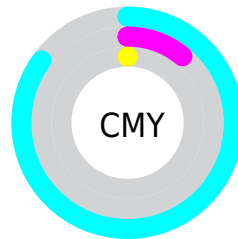
- Red (15%)
- Green (89%)
- Blue (100%)



- Red (15%)
- Yellow (55%)
- Blue (100%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27E2FF 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 27E2FF by changing the saturation by 10% instead.



 27E2FF

 27E2FF

FFFFFF

 00C6E2

 7EFFFF

 00AAC6

 A0FFFF

 008FAB

 C1FFFF

 007590

 E1FFFF

 005C77

 00445E

 002D46

 001530

 00011A

■ 27E2FF

■ 27E2FF

■ 0EDFFF

■ 41E5FF

■ 00DDFF

■ 5AE9FF

■ 74ECFF

■ 8DF0FF

■ A7F3FF

■ C0F7FF

■ DAFAFF

■ F3FDFF

FFFFFF

# Harmonies

## Analogous

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



4AE4D9



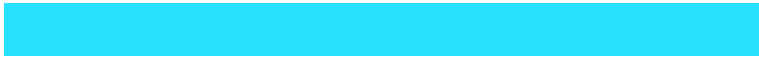
27E2FF



61DBFF

# Triad

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



27E2FF



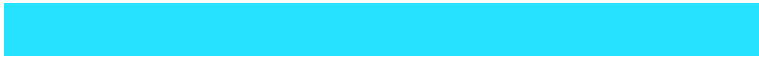
FFB4ED



DED07E

# Complementary

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



27E2FF



FF4427

# 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.



FFC284



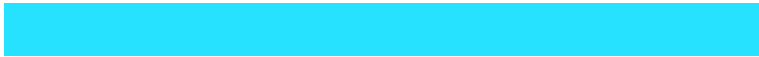
27E2FF



FFAFC5

# Square

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



27E2FF



E2C0FF



FFB59F



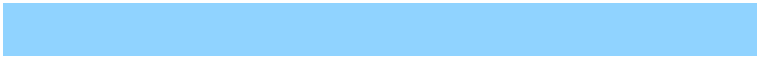
B3DB8E

# Rectangle

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



27E2FF



90D3FF



FFB59F

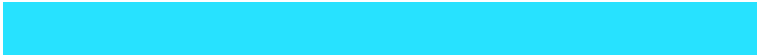


EBCB7D

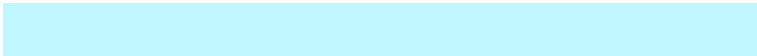


# Sweetspot

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



27E2FF



BFF6FF



27FF44



597A80



000000

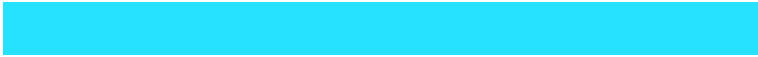


808080

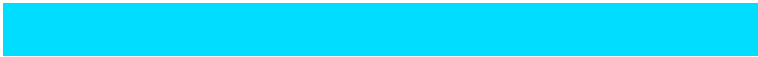


# Same Dimension

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



27E2FF



00DDFF



2776FF



737E80



00A6BF



003740



# Inverse Universe

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



FF27E2



FF00DD



FFB027



80737E



BF00A6

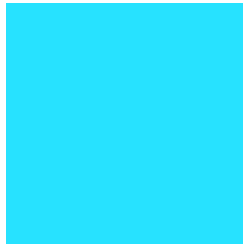


400037



# Previews

## White Background



This preview shows how the Hex color 27E2FF looks on a white background.

## Color Contrast Check

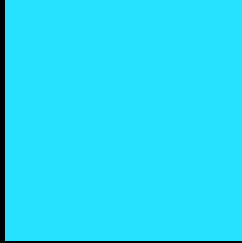
Large Text (above 18pt) WCAG AA × Fail

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 27E2FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

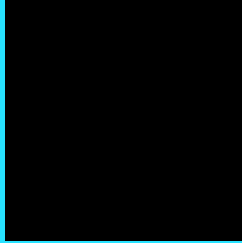
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27E2FF Background



This preview shows how black text looks on a background with the Hex color 27E2FF.

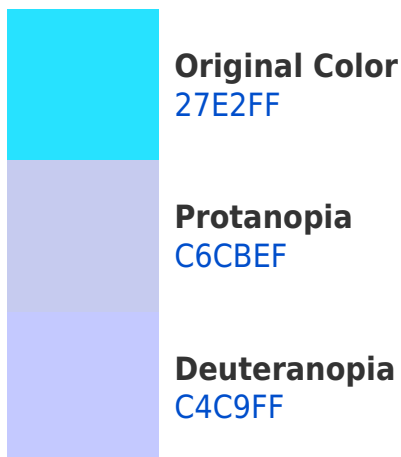


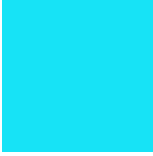
This preview shows how white text looks on a background with the Hex color 27E2FF.

# 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**  
17E3F6

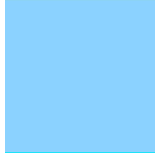
# Trichromacy



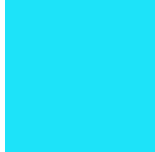
**Original Color**  
27E2FF



**Protanomaly**  
8CD3F5



**Deuteranomaly**  
8BD2FF

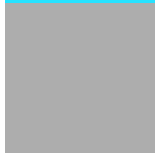


**Tritanomaly**  
1DE3F9

# Monochromacy



**Original Color**  
27E2FF



**Achromatopsia**  
ADADAD



**Achromatomaly**  
7CC0CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27E2FF 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 #27E2FF looks like.

```
.text, #text, p{  
    color:#27E2FF  
}
```

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 #27E2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E2FF
}
```

## Border

The CSS property to change the border of an element to Hex 27E2FF 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
#27E2FF }
```

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

```
.border{ border-color:#27E2FF }
```

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

Here you see how a box with a 4 pixel #27E2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E2FF; -webkit-box-shadow:4px 4px  
4px 4px #27E2FF; box-shadow:4px 4px 4px  
4px #27E2FF }
```

# Background

The CSS property to change the background color of an element to Hex 27E2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E2FF }
```

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

```
.background{ background-color:#27E2FF }
```

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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