

Converting Colors

Hex(24E0FF)

Have a look what the booklet for
Hex(24E0FF) contains.

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Color

Hex(24E0FF)

Conversions

Conversions Part 1

Format	Color
Hex	24E0FF
RGB	36, 224, 255
RGB Percent	14%, 88%, 100%
CMY	0.8588, 0.1216, 0.0000
CMYK	0.86, 0.12, 0.00, 0.00
HSL	188°, 100%, 57%
HSV	188°, 86%, 100%
XYZ	45.4332, 60.9064, 103.9693
YIQ	171.3220, -121.9990, -30.2150

Conversions

Conversions Part 2

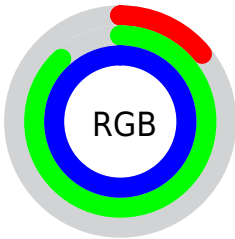
Format	Color
R _Y B	36, 137, 255
Decimal	2416895
CIE Lab	82.33, -32.88, -27.41
CIE LCh	82, 42.812, 219.815
Yxy	60.9064, 0.2160, 0.2896
Android (android.graphics.Color)	4280606975 (0xFF24E0FF)
YUV	171.3220, 41.2533, -118.6774
Hunter-Lab	78.0425, -32.6590, -24.3571

Details

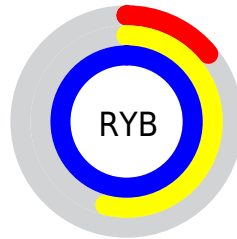
The Hex color **24E0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4324**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7DFFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **0ADCFF**, and if you desaturate by 10%, it is **3DE4FF**.

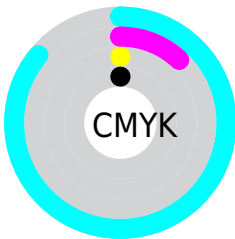
Distribution



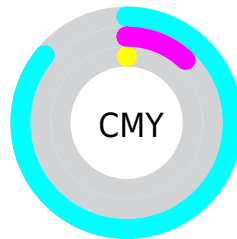
- Red (14%)
- Green (88%)
- Blue (100%)



- Red (14%)
- Yellow (54%)
- Blue (100%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24E0FF 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 24E0FF by changing the saturation by 10% instead.

 24E0FF

 24E0FF

FFFFFF

 00C4E2

 7DFFFF

 00A8C6

 9FFFFFF

 008EAB

 BFFFFFF

 007490

 E0FFFF

 005B77

 00425E

 002C46

 001230

 00011A

 24E0FF

 24E0FF

 0ADCFF

 3DE4FF

 00DBFF

 57E7FF

 70EBFF

 8AEEFF

 A3F2FF

 BDF6FF

 D6F9FF

 F0FDFF

FFFFFF

Harmonies

Analogous

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



44E2D9



24E0FF



63D9FF

Triad

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



24E0FF



FFB1E9



DACF7D

Complementary

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



24E0FF



FF4324

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.



FFC182



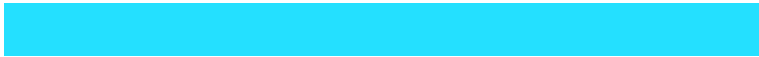
24E0FF



FFAEC1

Square

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



24E0FF



E3BEFF



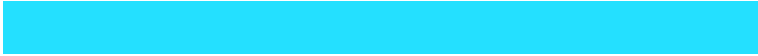
FFB49B



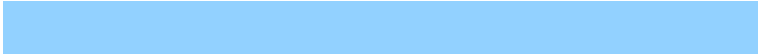
AEDA8E

Rectangle

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



24E0FF



92D1FF



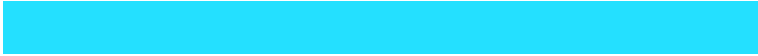
FFB49B



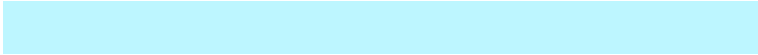
E8CA7C

Sweetspot

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



24E0FF



BDF6FF



24FF41



587A80



000000



808080

Same Dimension

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



24E0FF



00DBFF



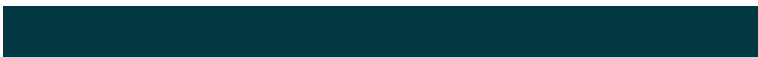
2474FF



737E80



00A4BF



003740

Inverse Universe

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



FF24E0



FF00DB



FFAF24



80737E



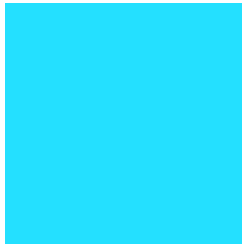
BF00A4



400037

Previews

White Background



This preview shows how the Hex color 24E0FF looks on a white background.

Color Contrast Check

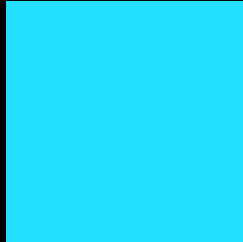
Large Text (above 18pt) WCAG AA × Fail

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 24E0FF 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 24E0FF Background



This preview shows how black text looks on a background with the Hex color 24E0FF.

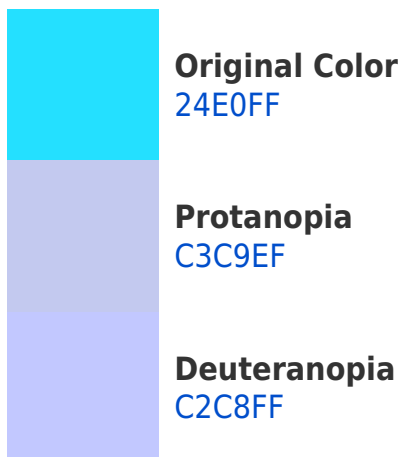


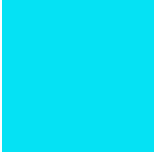
This preview shows how white text looks on a background with the Hex color 24E0FF.

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



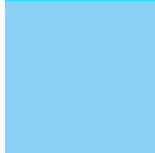


Tritanopia
05E2F4

Trichromacy



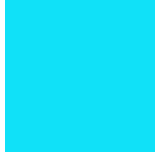
Original Color
24E0FF



Protanomaly
89D1F5



Deuteranomaly
89D1FF

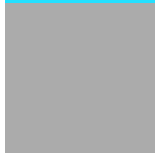


Tritanomaly
10E1F8

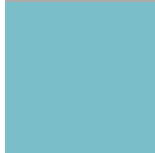
Monochromacy



Original Color
24E0FF



Achromatopsia
ABABAB



Achromatomaly
7ABECA

CSS Examples

Text

The CSS property to change the color of the text to Hex 24E0FF 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 #24E0FF looks like.

```
.text, #text, p{  
    color:#24E0FF  
}
```

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 #24E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24E0FF
}
```

Border

The CSS property to change the border of an element to Hex 24E0FF 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
#24E0FF }
```

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

```
.border{ border-color:#24E0FF }
```

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

Here you see how a box with a 4 pixel #24E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24E0FF; -webkit-box-shadow:4px 4px  
4px 4px #24E0FF; box-shadow:4px 4px 4px  
4px #24E0FF }
```

Background

The CSS property to change the background color of an element to Hex 24E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24E0FF }
```

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

```
.background{ background-color:#24E0FF }
```

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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