

Converting Colors

Hex(24E6FF)

Have a look what the booklet for
Hex(24E6FF) contains.

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Color

Hex(24E6FF)

Conversions

Conversions Part 1

Format	Color
Hex	24E6FF
RGB	36, 230, 255
RGB Percent	14%, 90%, 100%
CMY	0.8588, 0.0980, 0.0000
CMYK	0.86, 0.10, 0.00, 0.00
HSL	187°, 100%, 57%
HSV	187°, 86%, 100%
XYZ	47.0744, 64.1887, 104.5163
YIQ	174.8440, -123.6490, -33.3530

Conversions

Conversions Part 2

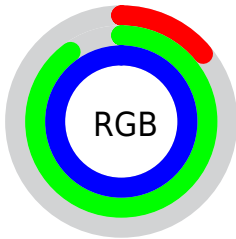
Format	Color
R _Y B	36, 139, 255
Decimal	2418431
CIE Lab	84.06, -35.71, -24.77
CIE LCh	84, 43.461, 214.739
Yxy	64.1887, 0.2182, 0.2975
Android (android.graphics.Color)	4280608511 (0xFF24E6FF)
YUV	174.8440, 39.5169, -121.7662
Hunter-Lab	80.1178, -35.3261, -21.2632

Details

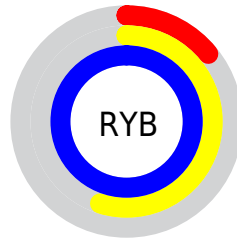
The Hex color **24E6FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3D24**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **7DFFFF**, and **00AEC6** is the 20% darker color. If you saturate the color by 10%, you get **0AE3FF**, and if you desaturate by 10%, it is **3DE9FF**.

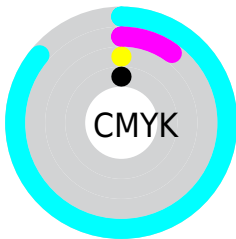
Distribution



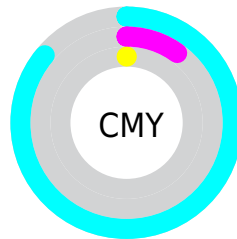
- Red (14%)
- Green (90%)
- Blue (100%)



- Red (14%)
- Yellow (55%)
- Blue (100%)



- Cyan (86%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24E6FF 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 24E6FF by changing the saturation by 10% instead.

 24E6FF

 24E6FF

FFFFFF

 00CAE2

 7DFFFF

 00AEC6

 9FFFFFF

 0093AB

 C0FFFF

 007990

 E1FFFF

 005F77

 00475E

 003046

 001930

 00011B

 24E6FF

 24E6FF

 0AE3FF

 3DE9FF

 00E2FF

 57ECFF

 70EFFF

 8AF2FF

 A3F5FF

 BDF7FF

 D6FAFF

 F0FDFF

FFFFFF

Harmonies

Analogous

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



51E8D7



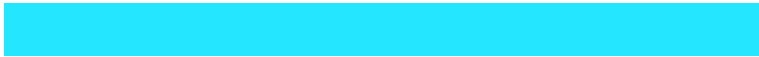
24E6FF



5ADFFF

Triad

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



24E6FF



FFB7F5



E6D17F

Complementary

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



24E6FF



FF3D24

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.



FFC388



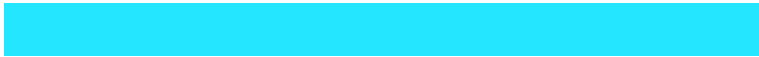
24E6FF



FFB2CD

Square

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



24E6FF



DFC5FF



FFB7A5



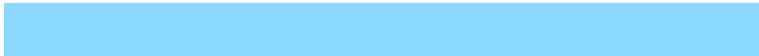
BBDD8D

Rectangle

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



24E6FF



8AD8FF



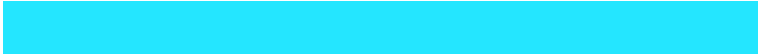
FFB7A5



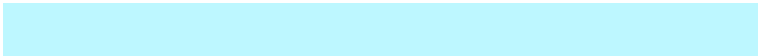
F3CD80

Sweetspot

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



24E6FF



BDF7FF



24FF3A



587B80



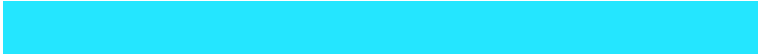
000000



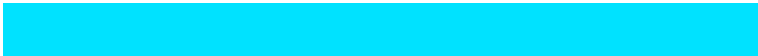
808080

Same Dimension

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



24E6FF



00E2FF



247CFF



737E80



00A9BF



003840

Inverse Universe

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



FF24E6



FF00E2



FFA724



80737E



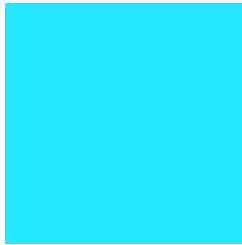
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 24E6FF looks on a white background.

Color Contrast Check

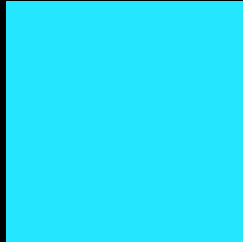
Large Text (above 18pt) WCAG AA × Fail

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 24E6FF 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 24E6FF Background



This preview shows how black text looks on a background with the Hex color 24E6FF.

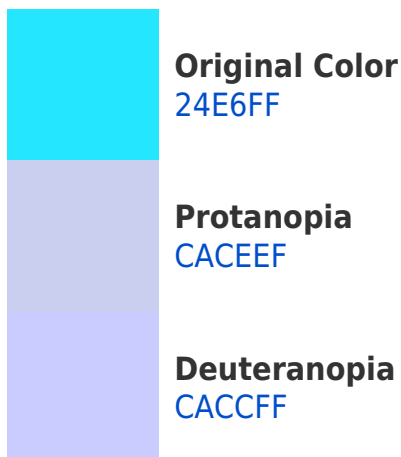


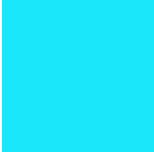
This preview shows how white text looks on a background with the Hex color 24E6FF.

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



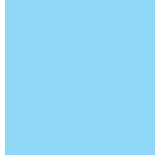


Tritanopia
1AE7FA

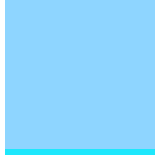
Trichromacy



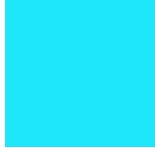
Original Color
24E6FF



Protanomaly
8ED7F5



Deuteranomaly
8ED5FF

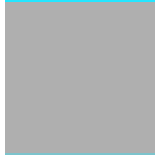


Tritanomaly
1EE7FC

Monochromacy



Original Color
24E6FF



Achromatopsia
AFAFAF



Achromatomaly
7CC3CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 24E6FF 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 #24E6FF looks like.

```
.text, #text, p{  
    color:#24E6FF  
}
```

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 #24E6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24E6FF
}
```

Border

The CSS property to change the border of an element to Hex 24E6FF 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
#24E6FF }
```

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

```
.border{ border-color:#24E6FF }
```

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

Here you see how a box with a 4 pixel #24E6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24E6FF; -webkit-box-shadow:4px 4px  
4px 4px #24E6FF; box-shadow:4px 4px 4px  
4px #24E6FF }
```

Background

The CSS property to change the background color of an element to Hex 24E6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24E6FF }
```

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

```
.background{ background-color:#24E6FF }
```

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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