

Converting Colors

Hex(24EDFF)

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

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Color

Hex(24EDFF)

Conversions

Conversions Part 1

Format	Color
Hex	24EDFF
RGB	36, 237, 255
RGB Percent	14%, 93%, 100%
CMY	0.8588, 0.0706, 0.0000
CMYK	0.86, 0.07, 0.00, 0.00
HSL	185°, 100%, 57%
HSV	185°, 86%, 100%
XYZ	49.0617, 68.1634, 105.1788
YIQ	178.9530, -125.5740, -37.0140

Conversions

Conversions Part 2

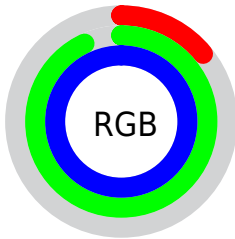
Format	Color
R _{YB}	36, 141, 255
Decimal	2420223
CIE _{Lab}	86.09, -38.95, -21.69
CIE _{LCh}	86, 44.581, 209.115
Y _{xy}	68.1634, 0.2206, 0.3065
Android (android.graphics.Color)	4280610303 (0xFF24EDFF)
YUV	178.9530, 37.4912, -125.3698
Hunter-Lab	82.5612, -38.4089, -17.7397

Details

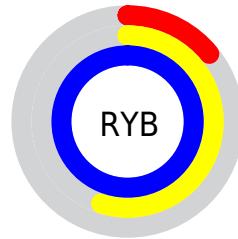
The Hex color **24EDFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3624**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7EFFFF**, and **00B5C6** is the 20% darker color. If you saturate the color by 10%, you get **0AEBFF**, and if you desaturate by 10%, it is **3DEFFF**.

Distribution



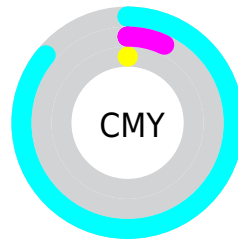
- Red (14%)
- Green (93%)
- Blue (100%)



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



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 24EDFF

 24EDFF

FFFFFF

 00D0E2

 7EFFFF

 00B5C6

 A1FFFF

 0099AB

 C1FFFF

 007F90

 E2FFFF

 006577

 004C5E

 003546

 001F30

 00011B

 24EDFF

 24EDFF

 0AEBFF

 3DEFFF

 00EAFF

 57F1FF

 70F3FF

 8AF5FF

 A3F7FF

 BDFAFF

 D6FCFF

 F0FEFF

FFFFFF

Harmonies

Analogous

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



5DEED5



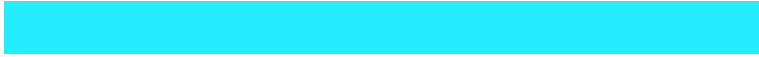
24EDFF



4DE7FF

Triad

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



24EDFF



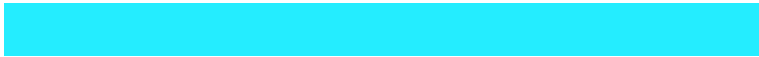
FFBEFF



F4D482

Complementary

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



24EDFF



FF3624

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.



FFC690



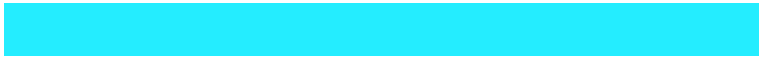
24EDFF



FFB7DA

Square

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



24EDFF



DACDFF



FFBAB0



C9E18C

Rectangle

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



24EDFF



7FE0FF



FFBAB0



FFCF84

Sweetspot

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



24EDFF



BDFAFF



24FF33



587C80



000000



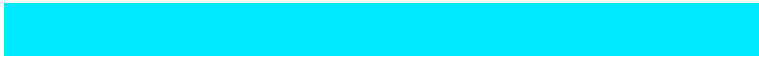
808080

Same Dimension

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



24EDFF



00EAFF



2483FF



737E80



00B0BF



003B40

Inverse Universe

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



FF24ED



FF00EA



FFA024



80737E



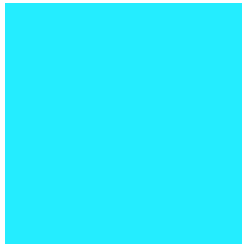
BF00B0



40003B

Previews

White Background



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

Color Contrast Check

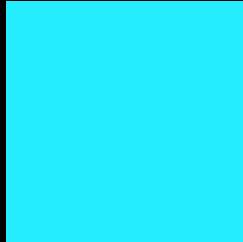
Large Text (above 18pt) WCAG AA × Fail

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 24EDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

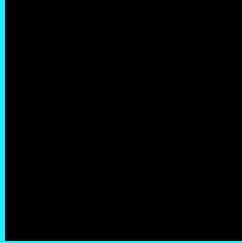
Any Text WCAG AA ✓ Pass

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 24EDFF Background



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

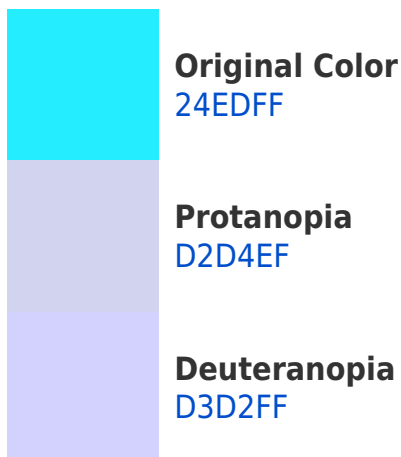


This preview shows how white text looks on a background with the Hex color 24EDFF.

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



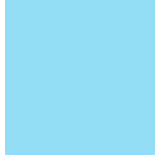


Tritanopia
36ECFF

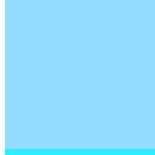
Trichromacy



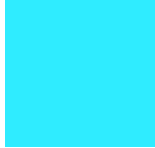
Original Color
24EDFF



Protanomaly
93DDF5



Deuteranomaly
93DCFF

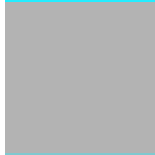


Tritanomaly
2FECFF

Monochromacy



Original Color
24EDFF



Achromatopsia
B3B3B3



Achromatomaly
7FC8CF

CSS Examples

Text

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

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

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 #24EDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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