

Converting Colors

Hex(24B2FB)

Have a look what the booklet for
Hex(24B2FB) contains.

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Color

Hex(24B2FB)

Conversions

Conversions Part 1

Format	Color
Hex	24B2FB
RGB	36, 178, 251
RGB Percent	14%, 70%, 98%
CMY	0.8588, 0.3020, 0.0157
CMYK	0.86, 0.29, 0.00, 0.02
HSL	200°, 96%, 56%
HSV	200°, 86%, 98%
XYZ	34.0605, 39.1809, 97.0343
YIQ	143.8640, -108.0650, -7.4010

Conversions

Conversions Part 2

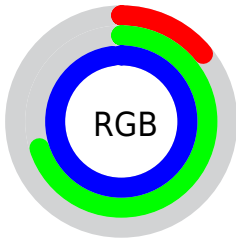
Format	Color
RYB	36, 122, 251
Decimal	2405115
CIELab	68.88, -10.72, -46.12
CIELCh	69, 47.347, 256.908
Yxy	39.1809, 0.2000, 0.2301
Android (android.graphics.Color)	4280595195 (0xFF24B2FB)
YUV	143.8640, 52.8180, -94.5967
Hunter-Lab	62.5946, -12.4108, -48.0952

Details

The Hex color **24B2FB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FB6D24**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **78EAFF**, and **007EC2** is the 20% darker color. If you saturate the color by 10%, you get **0BA9FB**, and if you desaturate by 10%, it is **3DBBFB**.

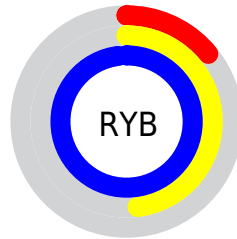
Distribution



Red (14%)

Green (70%)

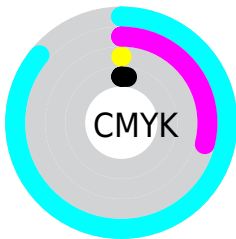
Blue (98%)



Red (14%)

Yellow (48%)

Blue (98%)

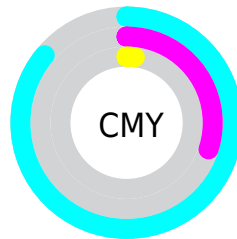


Cyan (86%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (86%)

Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B2FB 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 24B2FB by changing the saturation by 10% instead.

 24B2FB

 24B2FB

FFFFFF

 0097DE

 78EAFB

 007EC2

 99FFFF

 0065A7

 B9FFFF

 004D8C

 D9FFFF

 003772

 F9FFFF

 002259

 000741

 00032A

 000114

■ 24B2FB

■ 24B2FB

■ 0BA9FB

■ 3DBBFB

■ 00A6FB

■ 56C3FB

■ 6FCCFB

■ 88D4FB

■ A2DDFB

■ BBE5FB

■ D4EEFB

■ EDF6FB

FFFFFB

Harmonies

Analogous

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



00BBE6



24B2FB



8DA4FA

Triad

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



24B2FB



FA8591



7AB76C

Complementary

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



24B2FB



FB6D24

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.



AAAD53



24B2FB



EE906B

Square

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



24B2FB



EE87BD



D29F53



34BD93

Rectangle

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



24B2FB



B999ED



D29F53



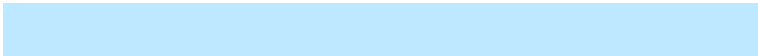
8BB461

Sweetspot

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



24B2FB



BDE8FF



24FB6C



587280



000000



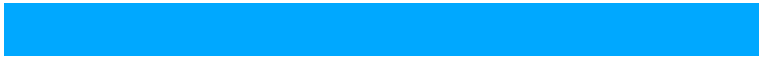
808080

Same Dimension

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



24B2FB



00A8FF



2448FB



70797D



007DBD



00283D

Inverse Universe

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



FB24B2



FF00A8



FBD724



7D7079



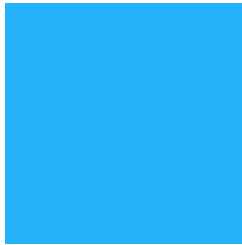
BD007D



3D0028

Previews

White Background



This preview shows how the Hex color 24B2FB looks on a white background.

Color Contrast Check

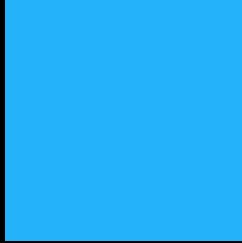
Large Text (above 18pt) WCAG AA × Fail

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 24B2FB 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

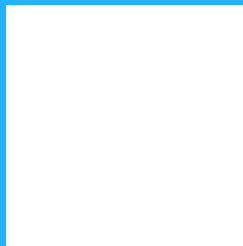
Any Text WCAG AAA ✓ Pass

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

Hex 24B2FB Background



This preview shows how black text looks on a background with the Hex color 24B2FB.

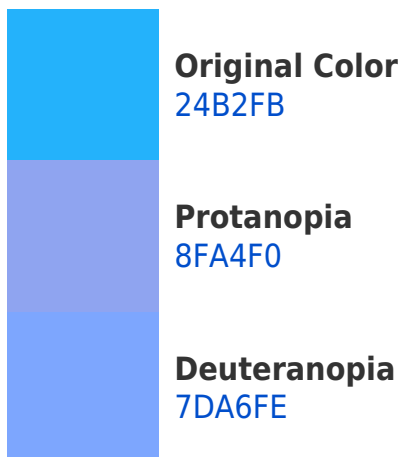


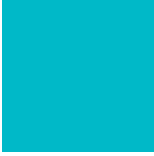
This preview shows how white text looks on a background with the Hex color 24B2FB.

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
00B9C8

Trichromacy



Original Color
24B2FB

Protanomaly
68A9F4

Deuteranomaly
5DAAFD

Tritanomaly
0DB6DB

Monochromacy



Original Color
24B2FB

Achromatopsia
909090

Achromatomaly
699CB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 24B2FB 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 #24B2FB looks like.

```
.text, #text, p{  
    color:#24B2FB  
}
```

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 #24B2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B2FB
}
```

Border

The CSS property to change the border of an element to Hex 24B2FB 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
#24B2FB }
```

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

```
.border{ border-color:#24B2FB }
```

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

Here you see how a box with a 4 pixel #24B2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B2FB; -webkit-box-shadow:4px 4px  
4px 4px #24B2FB; box-shadow:4px 4px 4px  
4px #24B2FB }
```

Background

The CSS property to change the background color of an element to Hex 24B2FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B2FB }
```

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

```
.background{ background-color:#24B2FB }
```

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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