

Converting Colors

Hex(23B4F4)

Have a look what the booklet for
Hex(23B4F4) contains.

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Color

Hex(23B4F4)

Conversions

Conversions Part 1

Format	Color
Hex	23B4F4
RGB	35, 180, 244
RGB Percent	14%, 71%, 96%
CMY	0.8627, 0.2941, 0.0431
CMYK	0.86, 0.26, 0.00, 0.04
HSL	198°, 90%, 55%
HSV	198°, 86%, 96%
XYZ	33.3435, 39.5315, 91.4609
YIQ	143.9410, -106.9640, -10.8360

Conversions

Conversions Part 2

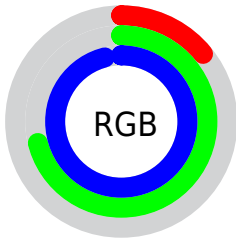
Format	Color
RYB	35, 121, 244
Decimal	2340084
CIELab	69.13, -14.32, -41.92
CIElCh	69, 44.302, 251.138
Yxy	39.5315, 0.2029, 0.2406
Android (android.graphics.Color)	4280530164 (0xFF23B4F4)
YUV	143.9410, 49.3291, -95.5413
Hunter-Lab	62.8741, -15.3671, -42.2354

Details

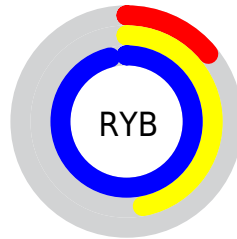
The Hex color **23B4F4** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **F46323**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77ECFF**, and **007FBB** is the 20% darker color. If you saturate the color by 10%, you get **0BADF4**, and if you desaturate by 10%, it is **3BBBBF4**.

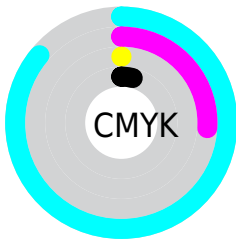
Distribution



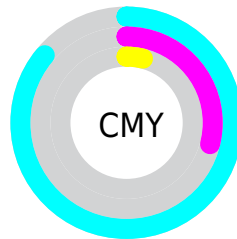
- Red (14%)
- Green (71%)
- Blue (96%)



- Red (14%)
- Yellow (47%)
- Blue (96%)



- Cyan (86%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (86%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B4F4 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 23B4F4 by changing the saturation by 10% instead.

 23B4F4

 23B4F4

FFFFFF

 0099D7

 77ECFF

 007FBB

 98FFFF

 0066A0

 B7FFFF

 004E86

 D7FFFF

 00386C

 F6FFFF

 002353

 00063C

 000225

 00010E

■ 23B4F4

■ 23B4F4

■ 0BADF4

■ 3BBBF4

■ 00A9F4

■ 54C3F4

■ 6CCAF4

■ 85D2F4

■ 9DD9F4

■ B5E1F4

■ CEE8F4

■ E6F0F4

■ FFF7F4

Harmonies

Analogous

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



00BBDC



23B4F4



84A8F7

Triad

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



23B4F4



F5889B



87B66B

Complementary

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



23B4F4



F46323

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.



B3AB58



23B4F4



EF9076

Square

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



23B4F4



E68CC4



D79E5D



50BC8D

Rectangle

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



23B4F4



AE9EEE



D79E5D



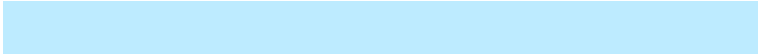
97B362

Sweetspot

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



23B4F4



BDEBFF



23F462



587380



000000



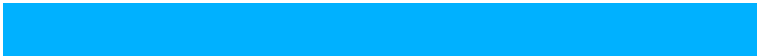
808080

Same Dimension

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



23B4F4



00B1FF



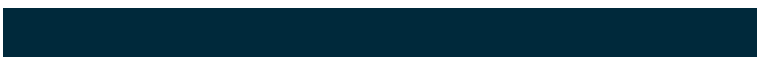
234DF4



6E777A



0081BA



00293B

Inverse Universe

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



F423B4



FF00B1



F4CA23



7A6E77



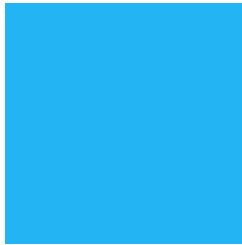
BA0081



3B0029

Previews

White Background



This preview shows how the Hex color 23B4F4 looks on a white background.

Color Contrast Check

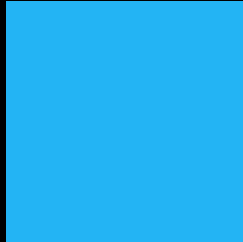
Large Text (above 18pt) WCAG AA × Fail

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 23B4F4 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

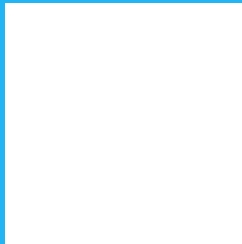
Any Text WCAG AAA ✓ Pass

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

Hex 23B4F4 Background



This preview shows how black text looks on a background with the Hex color 23B4F4.

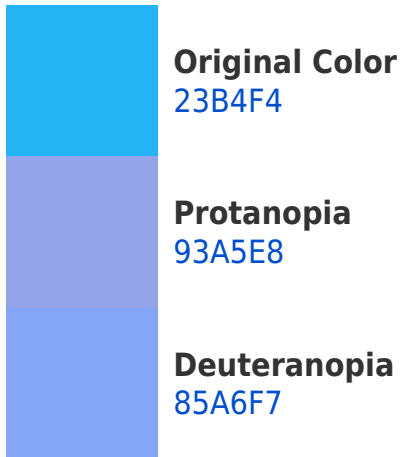


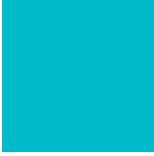
This preview shows how white text looks on a background with the Hex color 23B4F4.

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](#).

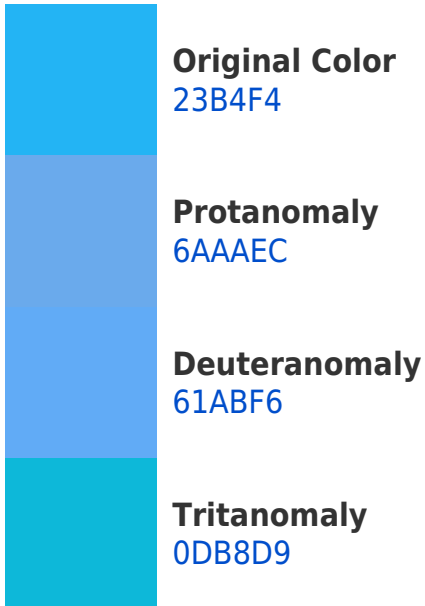
Dichromacy



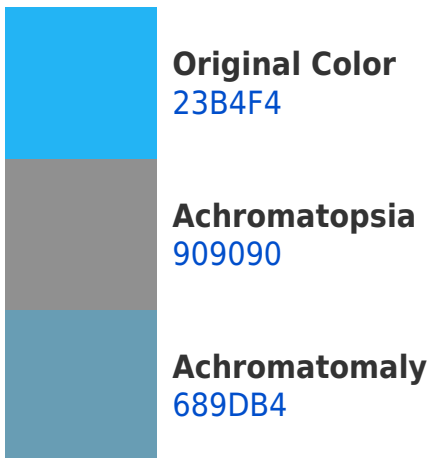


Tritanopia
00BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23B4F4 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 #23B4F4 looks like.

```
.text, #text, p{  
    color:#23B4F4  
}
```

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 #23B4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B4F4
}
```

Border

The CSS property to change the border of an element to Hex 23B4F4 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
#23B4F4 }
```

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

```
.border{ border-color:#23B4F4 }
```

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

Here you see how a box with a 4 pixel #23B4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B4F4; -webkit-box-shadow:4px 4px  
4px 4px #23B4F4; box-shadow:4px 4px 4px  
4px #23B4F4 }
```

Background

The CSS property to change the background color of an element to Hex 23B4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B4F4 }
```

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

```
.background{ background-color:#23B4F4 }
```

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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