

Converting Colors

Hex(23EFB6)

Have a look what the booklet for
Hex(23EFB6) contains.

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Color

Hex(23EFB6)

Conversions

Conversions Part 1

Format	Color
Hex	23EFB6
RGB	35, 239, 182
RGB Percent	14%, 94%, 71%
CMY	0.8627, 0.0627, 0.2863
CMYK	0.85, 0.00, 0.24, 0.06
HSL	163°, 86%, 54%
HSV	163°, 85%, 94%
XYZ	40.0031, 65.4677, 54.7841
YIQ	171.5060, -103.2870, -60.9750

Conversions

Conversions Part 2

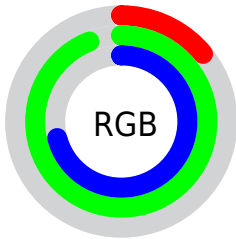
Format	Color
RYB	35, 154, 239
Decimal	2355126
CIELab	84.72, -59.45, 14.59
CIELCh	85, 61.216, 166.212
Yxy	65.4677, 0.2496, 0.4085
Android (android.graphics.Color)	4280545206 (0xFF23EFB6)
YUV	171.5060, 5.1735, -119.7158
Hunter-Lab	80.9121, -53.3454, 16.4943

Details

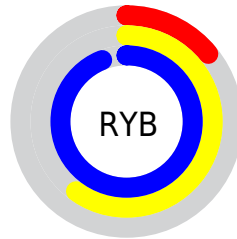
The Hex color **23EFB6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EF235C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **78FFEE**, and **00B681** is the 20% darker color. If you saturate the color by 10%, you get **0BEFAF**, and if you desaturate by 10%, it is **3BEFBD**.

Distribution



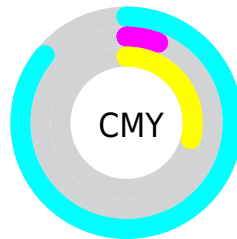
- Red (14%)
- Green (94%)
- Blue (71%)



- Red (14%)
- Yellow (60%)
- Blue (94%)



- Cyan (85%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (86%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23EFB6 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 23EFB6 by changing the saturation by 10% instead.

 23EFB6

FFFFFF

 78FFEE

 99FFFF

 B9FFFF

 D9FFFF

 F8FFFF

 23EFB6

 00D29B

 00B681

 009A68

 007F50

 006539

 004B23

 00340E

 001900

 000000

 23EFB6

 23EFB6

 0BEFAF

 3BEFBD

 00EFAC

 53EFC3

 6BEFCA

 83EFD1

 9BEFD7

 B2EFDE

 CAEFE5

 E2EFEB

 FAEFF2

Harmonies

Analogous

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



95E880



23EFB6



00F1F2

Triad

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



23EFB6



ABCFFF



FFB282

Complementary

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



23EFB6



EF235C

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.



FFA3B6



23EFB6



FFB8FF

Square

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



23EFB6



00E1FF



FFA6F1



FFC761

Rectangle

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



23EFB6



00EFFF



FFA6F1



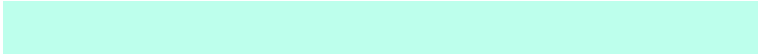
FFAB92

Sweetspot

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



23EFB6



BDF FEC



5DEF23



588074



000000



808080

Same Dimension

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



23EFB6



00FFB8



23C3EF



6C7875



00B884



003828

Inverse Universe

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



EF235C



FF0047



EF4F23



786C6F



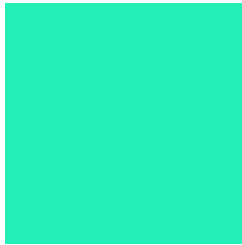
B80033



380010

Previews

White Background



This preview shows how the Hex color 23EFB6 looks on a white background.

Color Contrast Check

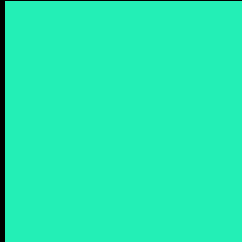
Large Text (above 18pt) WCAG AA × Fail

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 23EFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

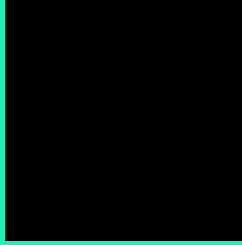
Any Text WCAG AA ✓ Pass

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 23EFB6 Background



This preview shows how black text looks on a background with the Hex color 23EFB6.

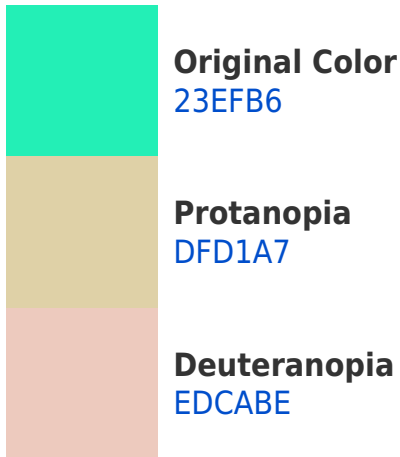


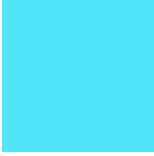
This preview shows how white text looks on a background with the Hex color 23EFB6.

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
52E6F9

Trichromacy



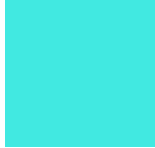
Original Color
23EFB6



Protanomaly
9BDCAC



Deuteranomaly
A4D7BB



Tritanomaly
41E9E1

Monochromacy



Original Color
23EFB6



Achromatopsia
ACACAC



Achromatomaly
7AC4B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 23EFB6 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 #23EFB6 looks like.

```
.text, #text, p{  
    color:#23EFB6  
}
```

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 #23EFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23EFB6  
}
```

Border

The CSS property to change the border of an element to Hex 23EFB6 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  
#23EFB6 }
```

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

```
.border{ border-color:#23EFB6 }
```

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

Here you see how a box with a 4 pixel #23EFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23EFB6; -webkit-box-shadow:4px 4px  
4px 4px #23EFB6; box-shadow:4px 4px 4px  
4px #23EFB6 }
```

Background

The CSS property to change the background color of an element to Hex 23EFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23EFB6 }
```

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

```
.background{ background-color:#23EFB6 }
```

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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