

Converting Colors

Hex(23B6EA)

Have a look what the booklet for
Hex(23B6EA) contains.

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Color

Hex(23B6EA)

Conversions

Conversions Part 1

Format	Color
Hex	23B6EA
RGB	35, 182, 234
RGB Percent	14%, 71%, 92%
CMY	0.8627, 0.2863, 0.0824
CMYK	0.85, 0.22, 0.00, 0.08
HSL	196°, 83%, 53%
HSV	196°, 85%, 92%
XYZ	32.2724, 39.7537, 83.8142
YIQ	143.9750, -104.3040, -14.9920

Conversions

Conversions Part 2

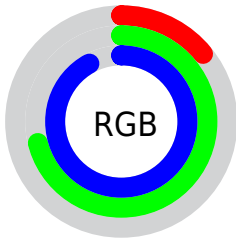
Format	Color
RYB	35, 120, 234
Decimal	2340586
CIELab	69.29, -18.83, -36.24
CIELCh	69, 40.835, 242.546
Yxy	39.7537, 0.2071, 0.2551
Android (android.graphics.Color)	4280530666 (0xFF23B6EA)
YUV	143.9750, 44.3823, -95.5711
Hunter-Lab	63.0506, -18.9734, -34.6798

Details

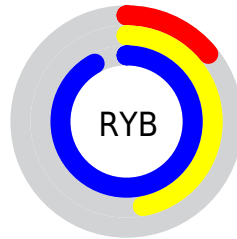
The Hex color **23B6EA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **EA5723**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **75EEFF**, and **0081B2** is the 20% darker color. If you saturate the color by 10%, you get **0CB0EA**, and if you desaturate by 10%, it is **3ABCEA**.

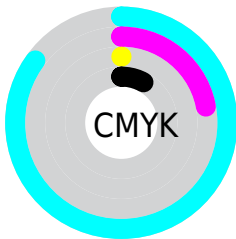
Distribution



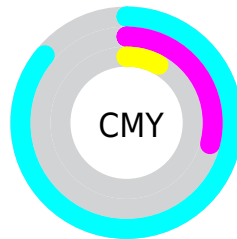
- Red (14%)
- Green (71%)
- Blue (92%)



- Red (14%)
- Yellow (47%)
- Blue (92%)



- Cyan (85%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (86%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23B6EA 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 23B6EA by changing the saturation by 10% instead.

 23B6EA

 23B6EA

FFFFFF

 009BCE

 75EEFF

 0081B2

 96FFFF

 006897

 B5FFFF

 00507D


 D4FFFF

 003964

 F4FFFF

 00244C

 000535

 00021F

 000001

■ 23B6EA

■ 23B6EA

■ 0CB0EA

■ 3ABCEA

■ 00ADEA

■ 52C2EA

■ 69C8EA

■ 81CEEA

■ 98D5EA

■ AFDBEA

■ C7E1EA

■ DEE7EA

■ F6EDEA

Harmonies

Analogous

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



00BCD0



23B6EA



76ACF3

Triad

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



23B6EA



EF8CA7



97B369

Complementary

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



23B6EA



EA5723

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.



BEA85E



23B6EA



EE9083

Square

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



23B6EA



DA92CC



DC9B68



6ABA86

Rectangle

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



23B6EA



9FA3ED



DC9B68



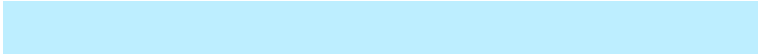
A5B063

Sweetspot

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



23B6EA



BDEEFF



23EA55



587580



000000



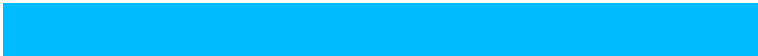
808080

Same Dimension

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



23B6EA



00BCFF



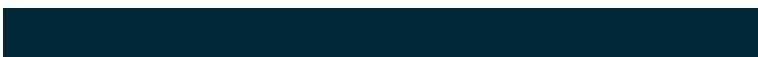
2355EA



6A7275



0086B5



002836

Inverse Universe

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



EA23B6



FF00BC



EAB823



756A72



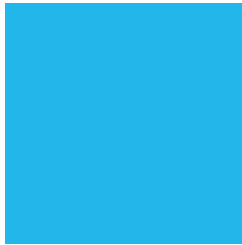
B50086



360028

Previews

White Background



This preview shows how the Hex color 23B6EA looks on a white background.

Color Contrast Check

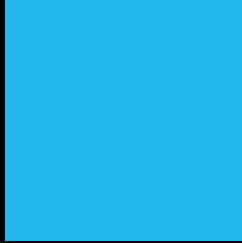
Large Text (above 18pt) WCAG AA × Fail

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 23B6EA 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

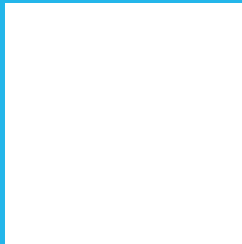
Any Text WCAG AAA ✓ Pass

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

Hex 23B6EA Background



This preview shows how black text looks on a background with the Hex color 23B6EA.

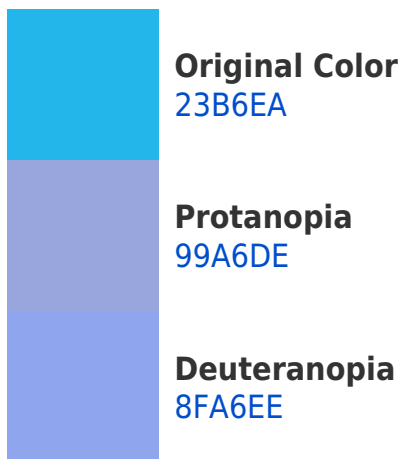


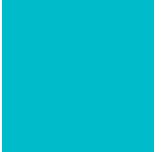
This preview shows how white text looks on a background with the Hex color 23B6EA.

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](#).

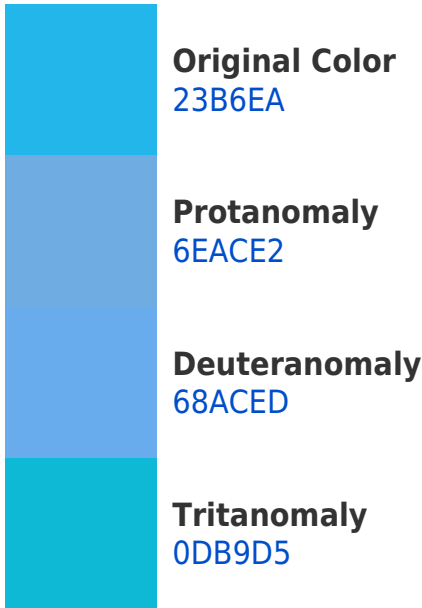
Dichromacy





Tritanopia
00BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23B6EA 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 #23B6EA looks like.

```
.text, #text, p{  
    color:#23B6EA  
}
```

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 #23B6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B6EA
}
```

Border

The CSS property to change the border of an element to Hex 23B6EA 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
#23B6EA }
```

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

```
.border{ border-color:#23B6EA }
```

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

Here you see how a box with a 4 pixel #23B6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B6EA; -webkit-box-shadow:4px 4px  
4px 4px #23B6EA; box-shadow:4px 4px 4px  
4px #23B6EA }
```

Background

The CSS property to change the background color of an element to Hex 23B6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B6EA }
```

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

```
.background{ background-color:#23B6EA }
```

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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