

Converting Colors

Hex(23AFBE)

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

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Color

Hex(23AFBE)

Conversions

Conversions Part 1

Format	Color
Hex	23AFBE
RGB	35, 175, 190
RGB Percent	14%, 69%, 75%
CMY	0.8627, 0.3137, 0.2549
CMYK	0.82, 0.08, 0.00, 0.25
HSL	186°, 69%, 44%
HSV	186°, 82%, 75%
XYZ	25.3174, 34.7350, 54.0854
YIQ	134.8500, -88.2550, -25.0150

Conversions

Conversions Part 2

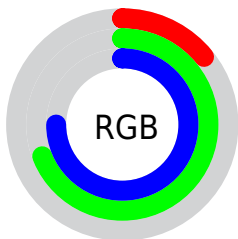
Format	Color
R _Y B	35, 109, 190
Decimal	2338750
CIE Lab	65.54, -29.76, -17.80
CIE LCh	66, 34.683, 210.886
Yxy	34.7350, 0.2218, 0.3043
Android (android.graphics.Color)	4280528830 (0xFF23AFBE)
YUV	134.8500, 27.1890, -87.5684
Hunter-Lab	58.9364, -26.4602, -13.1544

Details

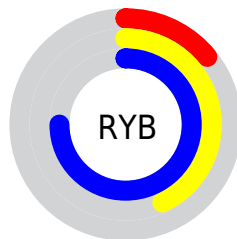
The Hex color **23AFBE** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BE3223**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EE7F6**, and **007A89** is the 20% darker color. If you saturate the color by 10%, you get **10ADBE**, and if you desaturate by 10%, it is **36B1BE**.

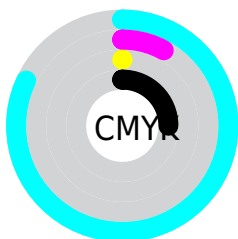
Distribution



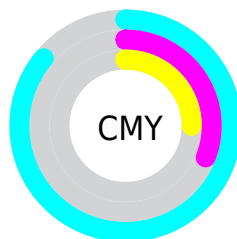
- Red (14%)
- Green (69%)
- Blue (75%)



- Red (14%)
- Yellow (43%)
- Blue (75%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 23AFBE

 23AFBE


FFFFFF

 0094A3

 6EE7F6

 007A89

 8DFFFF

 00616F

 ABFFFF

 004857

 C9FFFF

 003140

 E8FFFF

 001D29

 000115

 000000

 23AFBE

 23AFBE

■ 10ADB E

■ 36B1B E

■ 00ACB E

■ 49B3B E

■ 5CB5B E

■ 6FB6B E

■ 82B8B E

■ 95BAB E

■ A8BCB E

■ BBEB E

■ CEC0B E

Harmonies

Analogous

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



45B09F



23AFBE



3FAAD5

Triad

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



23AFBE



C78CBE



B39E61

Complementary

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



23AFBE



BE3223

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.



CC936A



23AFBE



DA879F

Square

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



23AFBE



A497D4



DB8A81



92A769

Rectangle

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



23AFBE



63A5DC



DB8A81



BC9A62

Sweetspot

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



23AFBE



BCF2F7



23BE30



59797D



FCFCFC



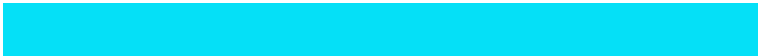
7D7D7D

Same Dimension

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



23AFBE



05E0F7



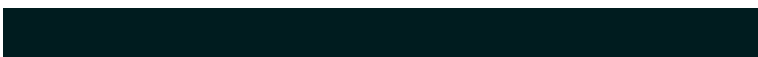
2364BE



555D5E



008F9E



001C1F

Inverse Universe

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



BE23AF



F705E0



BE7D23



5E555D



9E008F



1F001C

Previews

White Background



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

Color Contrast Check

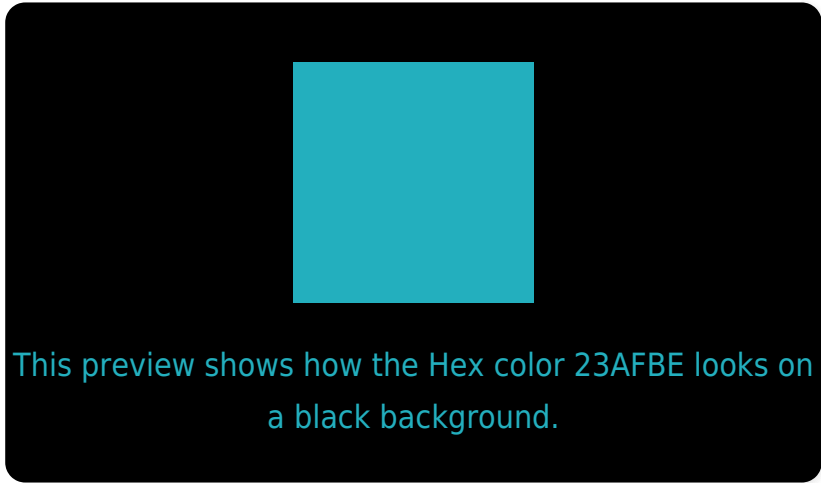
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

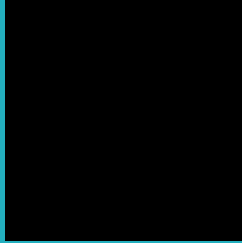
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

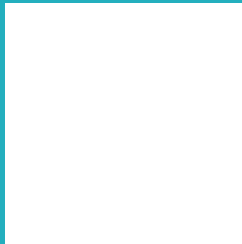
Any Text WCAG AAA ✓ Pass

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

Hex 23AFBE Background



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

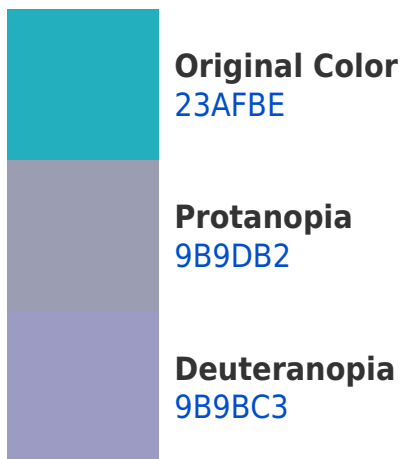


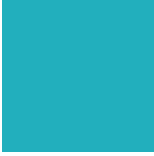
This preview shows how white text looks on a background with the Hex color 23AFBE.

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](#).

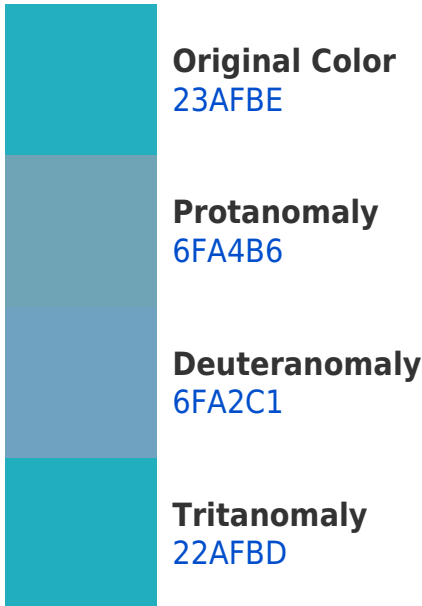
Dichromacy



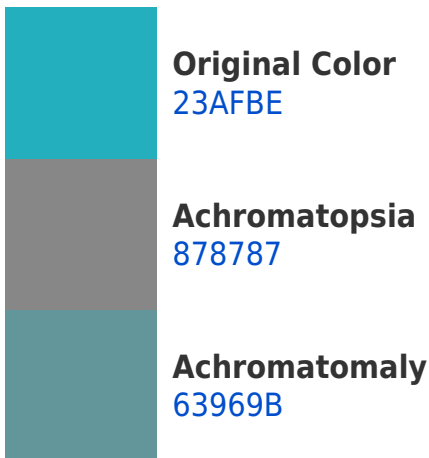


Tritanopia
22AFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #23AFBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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