

Converting Colors

Hex(23A6BF)

Have a look what the booklet for
Hex(23A6BF) contains.

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Color

Hex(23A6BF)

Conversions

Conversions Part 1

Format	Color
Hex	23A6BF
RGB	35, 166, 191
RGB Percent	14%, 65%, 75%
CMY	0.8627, 0.3490, 0.2510
CMYK	0.82, 0.13, 0.00, 0.25
HSL	190°, 69%, 44%
HSV	190°, 82%, 75%
XYZ	23.7333, 31.3913, 54.0985
YIQ	129.6810, -86.1010, -19.9970

Conversions

Conversions Part 2

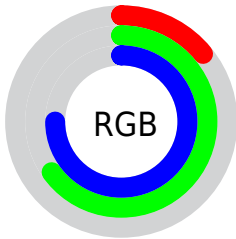
Format	Color
RYB	35, 106, 191
Decimal	2336447
CIELab	62.84, -24.96, -22.48
CIELCh	63, 33.590, 222.010
Yxy	31.3913, 0.2173, 0.2874
Android (android.graphics.Color)	4280526527 (0xFF23A6BF)
YUV	129.6810, 30.2303, -83.0352
Hunter-Lab	56.0280, -22.4368, -18.0286

Details

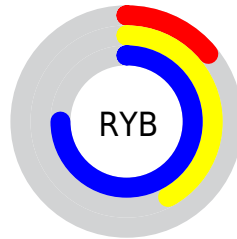
The Hex color **23A6BF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF3C23**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6DDDF7**, and **00728A** is the 20% darker color. If you saturate the color by 10%, you get **10A3BF**, and if you desaturate by 10%, it is **36A9BF**.

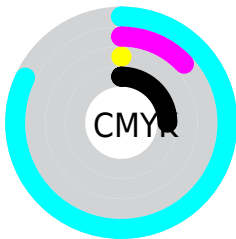
Distribution



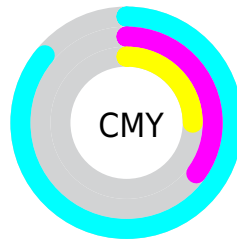
- Red (14%)
- Green (65%)
- Blue (75%)



- Red (14%)
- Yellow (42%)
- Blue (75%)



- Cyan (82%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A6BF 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 23A6BF by changing the saturation by 10% instead.

 23A6BF

 23A6BF

FFFFFF

 008BA4

 6DDDF7

 00728A

 8BFAFF

 005970

 AAFFFF

 004158

 C8FFFF

 002B40

 E6FFFF

 00142A

 000115

 000000

 23A6BF

 23A6BF

■ 10A3BF

■ 36A9BF

■ 00A0BF

■ 49ACBF

■ 5CAFBF

■ 6FB2BF

■ 82B5BF

■ 96B8BF

■ A9BBBF

■ BCBEBF

■ CFC2BF

Harmonies

Analogous

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



32A8A3



23A6BF



4FA0D0

Triad

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



23A6BF



C783AB



A09A5D

Complementary

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



23A6BF



BF3C23

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.



BB9060



23A6BF



D2818D

Square

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



23A6BF



AB8CC5



CE8671



7FA26B

Rectangle

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



23A6BF



719AD3



CE8671



AA975C

Sweetspot

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



23A6BF



BAEDF7



23BF3A



57777D



FCFCFC



7D7D7D

Same Dimension

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



23A6BF



05D1F7



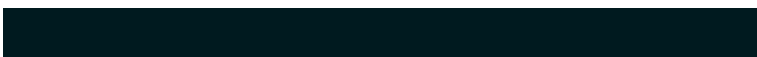
235ABF



555D5E



00859E



001A1F

Inverse Universe

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



BF23A6



F705D1



BF8823



5E555D



9E0085



1F001A

Previews

White Background



This preview shows how the Hex color 23A6BF 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 23A6BF 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 23A6BF Background



This preview shows how black text looks on a background with the Hex color 23A6BF.

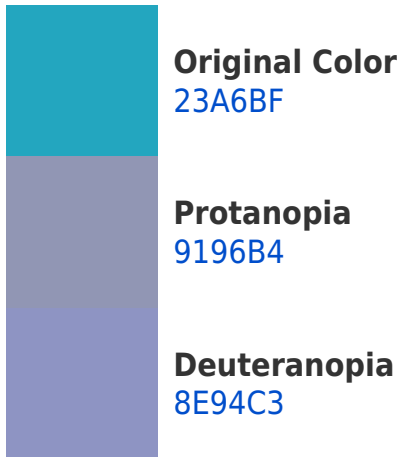


This preview shows how white text looks on a background with the Hex color 23A6BF.

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



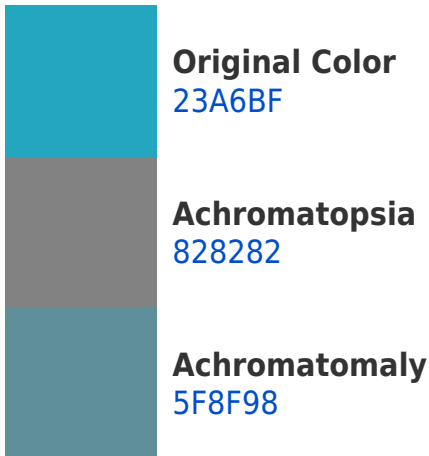


Tritanopia
15A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A6BF 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 #23A6BF looks like.

```
.text, #text, p{  
    color:#23A6BF  
}
```

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 #23A6BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A6BF
}
```

Border

The CSS property to change the border of an element to Hex 23A6BF 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
#23A6BF }
```

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

```
.border{ border-color:#23A6BF }
```

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

Here you see how a box with a 4 pixel #23A6BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A6BF; -webkit-box-shadow:4px 4px  
4px 4px #23A6BF; box-shadow:4px 4px 4px  
4px #23A6BF }
```

Background

The CSS property to change the background color of an element to Hex 23A6BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A6BF }
```

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

```
.background{ background-color:#23A6BF }
```

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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