

Converting Colors

Hex(23A8D0)

Have a look what the booklet for
Hex(23A8D0) contains.

Hex(23A8D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(23A8D0)

Conversions

Conversions Part 1

Format	Color
Hex	23A8D0
RGB	35, 168, 208
RGB Percent	14%, 66%, 82%
CMY	0.8627, 0.3412, 0.1843
CMYK	0.83, 0.19, 0.00, 0.18
HSL	194°, 71%, 48%
HSV	194°, 83%, 82%
XYZ	26.0809, 32.9167, 64.6534
YIQ	132.7930, -92.1080, -15.7560

Conversions

Conversions Part 2

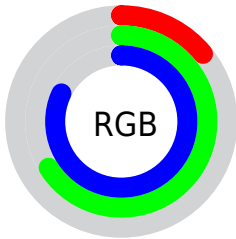
Format	Color
R _Y B	35, 110, 208
Decimal	2336976
CIE Lab	64.09, -20.32, -30.01
CIE LCh	64, 36.242, 235.900
Yxy	32.9167, 0.2109, 0.2662
Android (android.graphics.Color)	4280527056 (0xFF23A8D0)
YUV	132.7930, 37.0771, -85.7645
Hunter-Lab	57.3730, -19.2594, -26.6525

Details

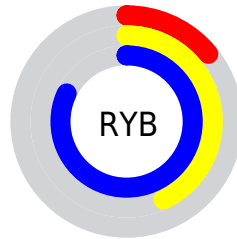
The Hex color **23A8D0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D04B23**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6FDFFF**, and **007499** is the 20% darker color. If you saturate the color by 10%, you get **0EA3D0**, and if you desaturate by 10%, it is **38ADD0**.

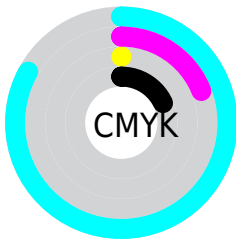
Distribution



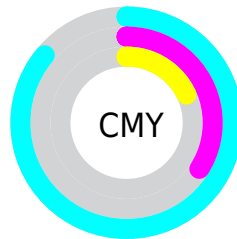
- Red (14%)
- Green (66%)
- Blue (82%)



- Red (14%)
- Yellow (43%)
- Blue (82%)



- Cyan (83%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (86%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A8D0 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 23A8D0 by changing the saturation by 10% instead.

■ 23A8D0

■ 23A8D0

FFFFFF

■ 008DB4

■ 6FDFFF

■ 007499

■ 8FFCFF

■ 005B7F

■ AEFFFF

■ 004366

■ CCFFFF

■ 002D4E

■ EBFFFF

■ 001A37

■ 000221

■ 000006

■ 000000

■ 23A8D0

■ 23A8D0

■ 0EA3D0

■ 38ADD0

■ 00A0D0

■ 4DB2D0

■ 61B6D0

■ 76BBD0

■ 8BC0D0

■ A0C5D0

■ B5CAD0

■ C9CED0

■ DED3D0

Harmonies

Analogous

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



00ACB6



23A8D0



64A0DB

Triad

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



23A8D0



D682A1



94A260

Complementary

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



23A8D0



D04B23

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.



B4985A



23A8D0



DA8481

Square

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



23A8D0



C089C0



CD8D67



6EA976

Rectangle

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



23A8D0



8899D9



CD8D67



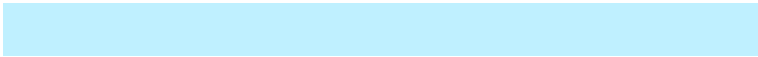
9F9F5C

Sweetspot

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



23A8D0



BFF0FF



23D048



597780



000000



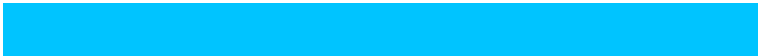
808080

Same Dimension

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



23A8D0



00C4FF



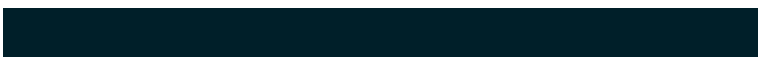
2354D0



5E6669



0081A8



001F29

Inverse Universe

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



D023A8



FF00C4



D09F23



695E66



A80081



29001F

Previews

White Background



This preview shows how the Hex color 23A8D0 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 23A8D0 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 23A8D0 Background



This preview shows how black text looks on a background with the Hex color 23A8D0.

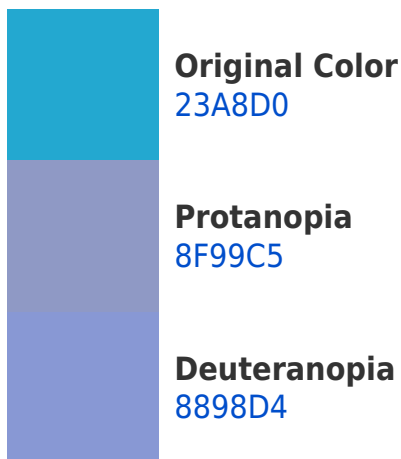


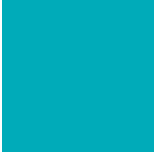
This preview shows how white text looks on a background with the Hex color 23A8D0.

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](#).

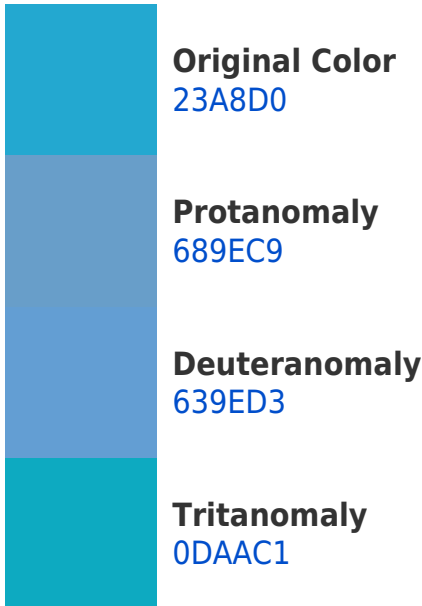
Dichromacy



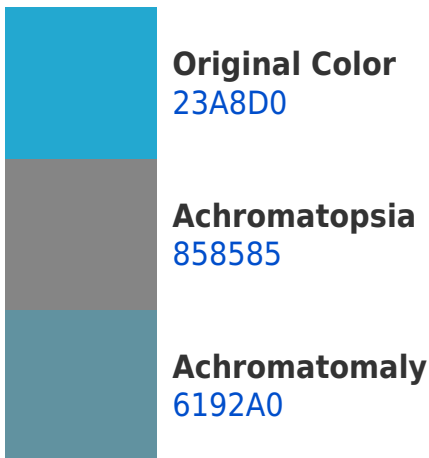


Tritanopia
00ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A8D0 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 #23A8D0 looks like.

```
.text, #text, p{  
    color:#23A8D0  
}
```

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 #23A8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A8D0
}
```

Border

The CSS property to change the border of an element to Hex 23A8D0 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
#23A8D0 }
```

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

```
.border{ border-color:#23A8D0 }
```

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

Here you see how a box with a 4 pixel #23A8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A8D0; -webkit-box-shadow:4px 4px  
4px 4px #23A8D0; box-shadow:4px 4px 4px  
4px #23A8D0 }
```

Background

The CSS property to change the background color of an element to Hex 23A8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A8D0 }
```

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

```
.background{ background-color:#23A8D0 }
```

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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