

Converting Colors

Hex(23A4C8)

Have a look what the booklet for
Hex(23A4C8) contains.

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Color

Hex(23A4C8)

Conversions

Conversions Part 1

Format	Color
Hex	23A4C8
RGB	35, 164, 200
RGB Percent	14%, 64%, 78%
CMY	0.8627, 0.3569, 0.2157
CMYK	0.83, 0.18, 0.00, 0.22
HSL	193°, 70%, 46%
HSV	193°, 82%, 78%
XYZ	24.3939, 31.0784, 59.3566
YIQ	129.5330, -88.4400, -16.1520

Conversions

Conversions Part 2

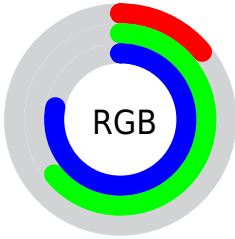
Format	Color
RYB	35, 107, 200
Decimal	2335944
CIELab	62.57, -20.93, -27.91
CIElCh	63, 34.885, 233.131
Yxy	31.0784, 0.2124, 0.2706
Android (android.graphics.Color)	4280526024 (0xFF23A4C8)
YUV	129.5330, 34.7402, -82.9054
Hunter-Lab	55.7480, -19.4518, -24.1043

Details

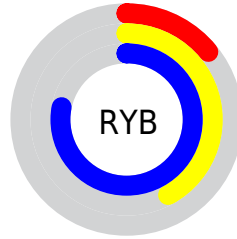
The Hex color **23A4C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C84723**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6EDBFF**, and **007092** is the 20% darker color. If you saturate the color by 10%, you get **0FA0C8**, and if you desaturate by 10%, it is **37A8C8**.

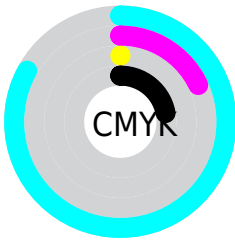
Distribution



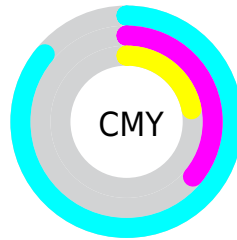
- Red (14%)
- Green (64%)
- Blue (78%)



- Red (14%)
- Yellow (42%)
- Blue (78%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A4C8 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 23A4C8 by changing the saturation by 10% instead.

 23A4C8

 23A4C8

FFFFFF

 008AAD

 6EDBFF

 007092

 8DF8FF

 005778

 ABFFFF

 00405F

 CAFFFF

 002A47

 E8FFFF

 001331

 00011B

 000000

 23A4C8

 23A4C8

0FA0C8

37A8C8

009CC8

4BADC8

5FB1C8

73B5C8

87BAC8

9BBEC8

AFC3C8

C3C7C8

D7CBC8

Harmonies

Analogous

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



14A8AF



23A4C8



5D9DD4

Triad

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



23A4C8



CE80A0



939D5D

Complementary

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



23A4C8



C84723

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.



B2935A



23A4C8



D48081

Square

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



23A4C8



B887BD



C98867



6FA471

Rectangle

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



23A4C8



8196D3



C98867



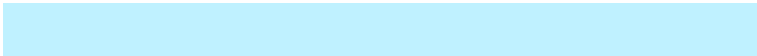
9E9A5A

Sweetspot

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



23A4C8



BFF1FF



23C847



597780



000000



808080

Same Dimension

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



23A4C8



03C8FF



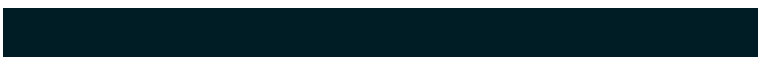
2352C8



5A6163



0080A3



001C24

Inverse Universe

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



C823A4



FF03C8



C89923



635A61



A30080



24001C

Previews

White Background



This preview shows how the Hex color 23A4C8 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 23A4C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

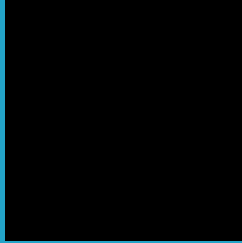
Any Text WCAG AA ✓ Pass

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 23A4C8 Background



This preview shows how black text looks on a background with the Hex color 23A4C8.

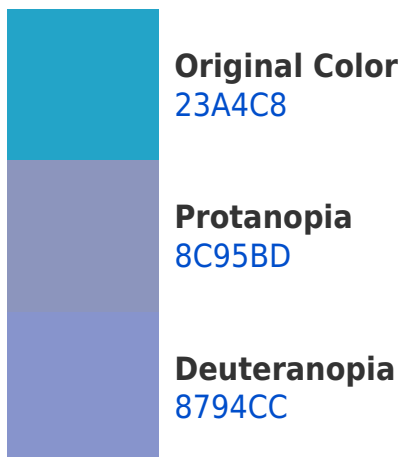


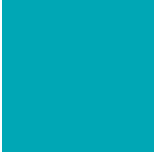
This preview shows how white text looks on a background with the Hex color 23A4C8.

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](#).

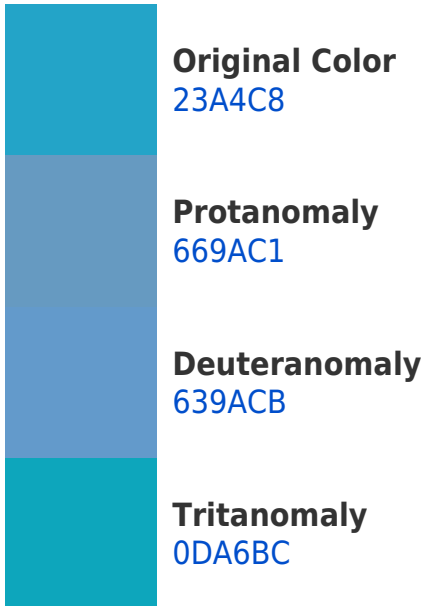
Dichromacy





Tritanopia
00A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A4C8 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 #23A4C8 looks like.

```
.text, #text, p{  
    color:#23A4C8  
}
```

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 #23A4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A4C8
}
```

Border

The CSS property to change the border of an element to Hex 23A4C8 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
#23A4C8 }
```

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

```
.border{ border-color:#23A4C8 }
```

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

Here you see how a box with a 4 pixel #23A4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A4C8; -webkit-box-shadow:4px 4px  
4px 4px #23A4C8; box-shadow:4px 4px 4px  
4px #23A4C8 }
```

Background

The CSS property to change the background color of an element to Hex 23A4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A4C8 }
```

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

```
.background{ background-color:#23A4C8 }
```

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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