

Converting Colors

Hex(23C298)

Have a look what the booklet for
Hex(23C298) contains.

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Color

Hex(23C298)

Conversions

Conversions Part 1

Format	Color
Hex	23C298
RGB	35, 194, 152
RGB Percent	14%, 76%, 60%
CMY	0.8627, 0.2392, 0.4039
CMYK	0.82, 0.00, 0.22, 0.24
HSL	164°, 69%, 45%
HSV	164°, 82%, 76%
XYZ	25.6524, 41.2079, 36.3077
YIQ	141.6710, -81.2820, -46.7700

Conversions

Conversions Part 2

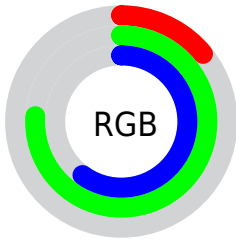
Format	Color
RYB	35, 127, 194
Decimal	2343576
CIELab	70.32, -48.95, 10.14
CIELCh	70, 49.992, 168.297
Yxy	41.2079, 0.2486, 0.3994
Android (android.graphics.Color)	4280533656 (0xFF23C298)
YUV	141.6710, 5.0922, -93.5505
Hunter-Lab	64.1934, -41.0077, 11.4010

Details

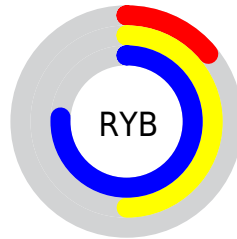
The Hex color **23C298** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C2234D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6DFBCE**, and **008B65** is the 20% darker color. If you saturate the color by 10%, you get **10C293**, and if you desaturate by 10%, it is **36C29D**.

Distribution



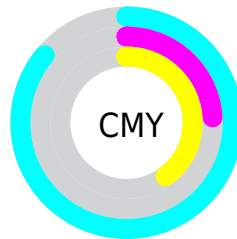
- Red (14%)
- Green (76%)
- Blue (60%)



- Red (14%)
- Yellow (50%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C298 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 23C298 by changing the saturation by 10% instead.

 23C298

 23C298

FFFFFF

 00A67E

 6DFBCE

 008B65

 8CFFEA

 00714D

 ABFFFF

 005736

 C9FFFF

 003F21

 E7FFFF

 00290B

 000200

 000000

 23C298

 23C298

 10C293

 36C29D

 00C28F

 4AC2A2

 5DC2A7

 71C2AC

 84C2B2

 97C2B7

 ABC2BC

 BEC2C1

 D2C2C6

Harmonies

Analogous

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



77BC6D



23C298



00C3C7

Triad

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



23C298



93A7FF



F5936A

Complementary

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



23C298



C2234D

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.



FF8792



23C298



D295E9

Square

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



23C298



19B6FF



F788C0



D6A351

Rectangle

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



23C298



00C1E3



F788C0



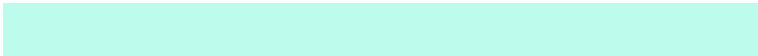
FC8E76

Sweetspot

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



23C298



BDFCEC



4DC223



598075



000000



808080

Same Dimension

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



23C298



05FCBB



239DC2



57615E



00A176



002118

Inverse Universe

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



C2234D



FC0546



C24823



61575A



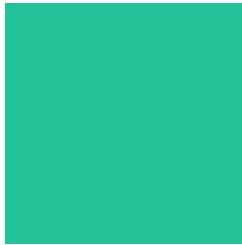
A1002A



210009

Previews

White Background



This preview shows how the Hex color 23C298 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 23C298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

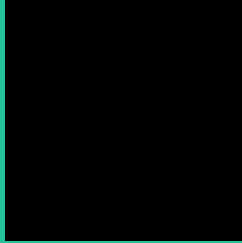
Any Text WCAG AA ✓ Pass

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 23C298 Background



This preview shows how black text looks on a background with the Hex color 23C298.

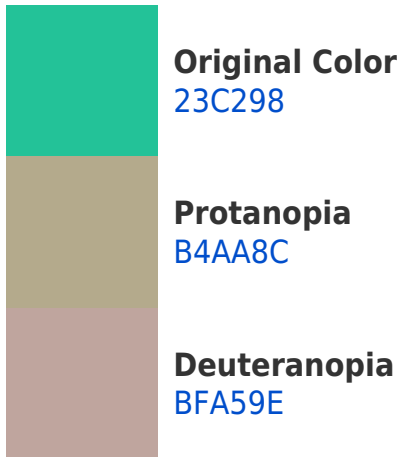


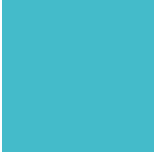
This preview shows how white text looks on a background with the Hex color 23C298.

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
44BBCA

Trichromacy



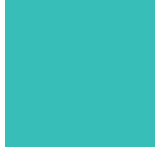
Original Color
23C298



Protanomaly
7FB390



Deuteranomaly
86B09C



Tritanomaly
38BEB8

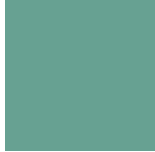
Monochromacy



Original Color
23C298



Achromatopsia
8E8E8E



Achromatomaly
67A192

CSS Examples

Text

The CSS property to change the color of the text to Hex 23C298 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 #23C298 looks like.

```
.text, #text, p{  
    color:#23C298  
}
```

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 #23C298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C298
}
```

Border

The CSS property to change the border of an element to Hex 23C298 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
#23C298 }
```

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

```
.border{ border-color:#23C298 }
```

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

Here you see how a box with a 4 pixel #23C298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C298; -webkit-box-shadow:4px 4px  
4px 4px #23C298; box-shadow:4px 4px 4px  
4px #23C298 }
```

Background

The CSS property to change the background color of an element to Hex 23C298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C298 }
```

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

```
.background{ background-color:#23C298 }
```

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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