

Converting Colors

Hex(25B698)

Have a look what the booklet for
Hex(25B698) contains.

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Color

Hex(25B698)

Conversions

Conversions Part 1

Format	Color
Hex	25B698
RGB	37, 182, 152
RGB Percent	15%, 71%, 60%
CMY	0.8549, 0.2863, 0.4039
CMYK	0.80, 0.00, 0.16, 0.29
HSL	168°, 66%, 43%
HSV	168°, 80%, 71%
XYZ	23.1584, 36.1162, 35.4563
YIQ	135.2250, -76.7900, -40.0700

Conversions

Conversions Part 2

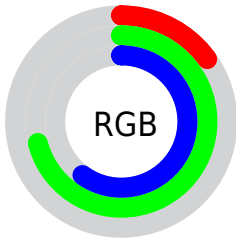
Format	Color
RYB	37, 118, 182
Decimal	2471576
CIELab	66.61, -43.78, 4.83
CIELCh	67, 44.046, 173.702
Yxy	36.1162, 0.2445, 0.3813
Android (android.graphics.Color)	4280661656 (0xFF25B698)
YUV	135.2250, 8.2701, -86.1433
Hunter-Lab	60.0968, -36.3840, 7.0874

Details

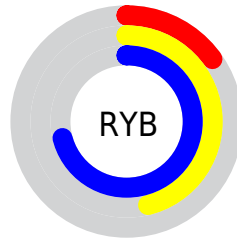
The Hex color **25B698** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B62543**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6CEFCE**, and **008065** is the 20% darker color. If you saturate the color by 10%, you get **13B694**, and if you desaturate by 10%, it is **37B69C**.

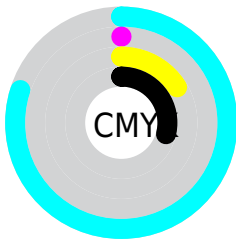
Distribution



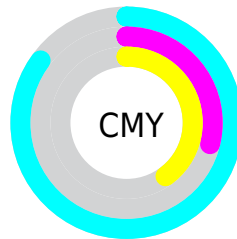
- Red (15%)
- Green (71%)
- Blue (60%)



- Red (15%)
- Yellow (46%)
- Blue (71%)



- Cyan (80%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)



- Cyan (85%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B698 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 25B698 by changing the saturation by 10% instead.

 25B698

 25B698

FFFFFF

 009B7E

 6CEFCE

 008065

 8AFFEA

 00664D

 A8FFFF

 004D37

 C6FFFF

 003521

 E4FFFF

 001F0B

 000000

 25B698

 25B698

 13B694

 37B69C

01B690

49B6A0

00B690

5CB6A3

6EB6A7

80B6AB

92B6AF

A4B6B2

B7B6B6

C9B6BA

Harmonies

Analogous

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



6CB272



25B698



00B6C1

Triad

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



25B698



999BEA



DF8F63

Complementary

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



25B698



B62543

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.



ED8484



25B698



CB8CD1

Square

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



25B698



4DA9F0



E882AC



C29D52

Rectangle

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



25B698



00B4D8



E882AC



E68A6D

Sweetspot

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



25B698



B4EDE1



44B625



557871



F7F7F7



787878

Same Dimension

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



25B698



09EDBE



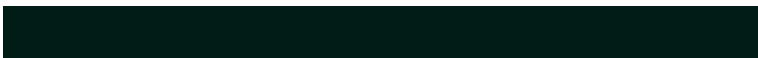
258DB6



535C5A



009C7B



001C16

Inverse Universe

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



B62543



ED0939



B64E25



5C5355



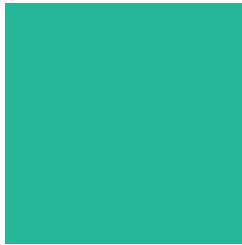
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 25B698 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 25B698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

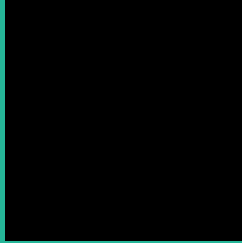
Any Text WCAG AA ✓ Pass

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 25B698 Background



This preview shows how black text looks on a background with the Hex color 25B698.

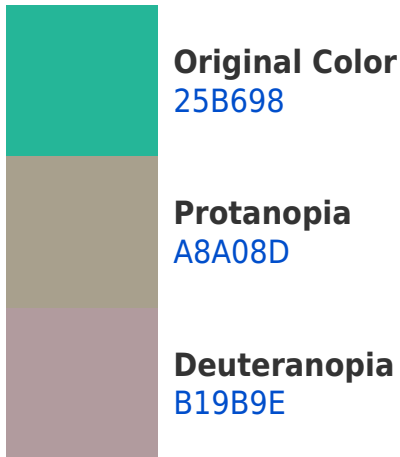


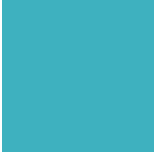
This preview shows how white text looks on a background with the Hex color 25B698.

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
3EB1BF

Trichromacy



Original Color
25B698



Protanomaly
78A891



Deuteranomaly
7EA59C



Tritanomaly
35B3B1

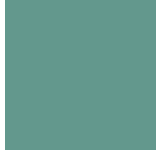
Monochromacy



Original Color
25B698



Achromatopsia
878787



Achromatomaly
63988D

CSS Examples

Text

The CSS property to change the color of the text to Hex 25B698 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 #25B698 looks like.

```
.text, #text, p{  
    color:#25B698  
}
```

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 #25B698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B698
}
```

Border

The CSS property to change the border of an element to Hex 25B698 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
#25B698 }
```

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

```
.border{ border-color:#25B698 }
```

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

Here you see how a box with a 4 pixel #25B698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B698; -webkit-box-shadow:4px 4px  
4px 4px #25B698; box-shadow:4px 4px 4px  
4px #25B698 }
```

Background

The CSS property to change the background color of an element to Hex 25B698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B698 }
```

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

```
.background{ background-color:#25B698 }
```

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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