

Converting Colors

Hex(25C684)

Have a look what the booklet for
Hex(25C684) contains.

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Color

Hex(25C684)

Conversions

Conversions Part 1

Format	Color
Hex	25C684
RGB	37, 198, 132
RGB Percent	15%, 78%, 52%
CMY	0.8549, 0.2235, 0.4824
CMYK	0.81, 0.00, 0.33, 0.22
HSL	155°, 69%, 46%
HSV	155°, 81%, 78%
XYZ	25.1219, 42.4474, 28.6989
YIQ	142.3370, -74.7700, -54.6580

Conversions

Conversions Part 2

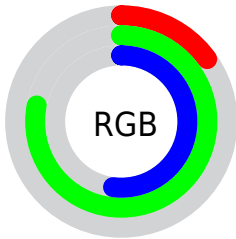
Format	Color
RYB	37, 138, 198
Decimal	2475652
CIELab	71.18, -54.89, 22.07
CIELCh	71, 59.162, 158.092
Yxy	42.4474, 0.2610, 0.4409
Android (android.graphics.Color)	4280665732 (0xFF25C684)
YUV	142.3370, -5.0961, -92.3805
Hunter-Lab	65.1517, -45.1875, 19.4893

Details

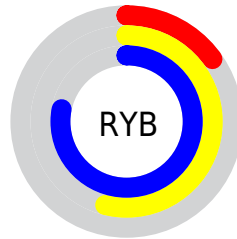
The Hex color **25C684** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **C62567**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6FFFB9**, and **008F52** is the 20% darker color. If you saturate the color by 10%, you get **11C67C**, and if you desaturate by 10%, it is **39C68C**.

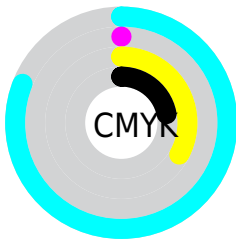
Distribution



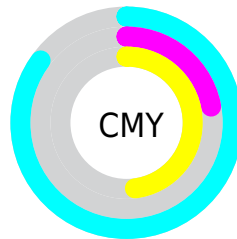
- Red (15%)
- Green (78%)
- Blue (52%)



- Red (15%)
- Yellow (54%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25C684 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 25C684 by changing the saturation by 10% instead.



25C684



25C684

FFFFFF



00AA6B



6FFFB9



008F52



8DFFD5



00743A



ACFFF2



005A24



CAFFFF



00410E



E9FFFF



002B00



000800



000000



25C684



25C684

 11C67C

 39C68C

 00C675

 4DC694

 60C69C

 74C6A4

 88C6AD

 9CC6B5

 B0C6BD

 C3C6C5

 D7C6CD

Harmonies

Analogous

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



85BE55



25C684



00C9BC

Triad

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



25C684



63AFFF



FF896E

Complementary

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



25C684



C62567

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.



FF7EA2



25C684



C59AFF

Square

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



25C684



00BFFF



FB86D8



EC9D48

Rectangle

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



25C684



00C8DF



FB86D8



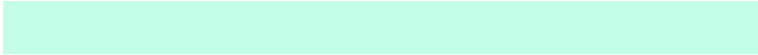
FF847F

Sweetspot

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



25C684



C2FFE6



68C625



5B8070



000000



808080

Same Dimension

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



25C684



05FF99



25B9C6



5A635F



00A360



002415

Inverse Universe

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



C62567



FF056C



C63225



635A5E



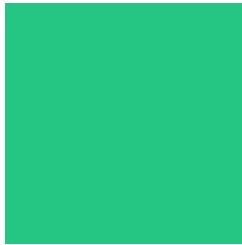
A30043



24000F

Previews

White Background



This preview shows how the Hex color 25C684 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 25C684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

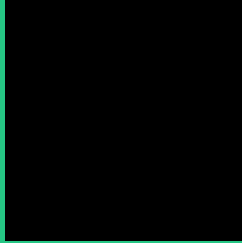
Any Text WCAG AA ✓ Pass

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 25C684 Background



This preview shows how black text looks on a background with the Hex color 25C684.

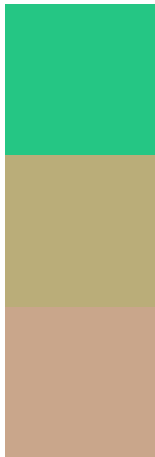


This preview shows how white text looks on a background with the Hex color 25C684.

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](#).

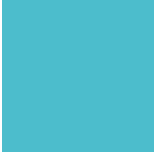
Dichromacy



Original Color
25C684

Protanopia
BAAD79

Deuteranopia
C9A68B



Trichromacy



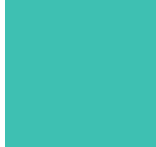
Original Color
25C684



Protanomaly
84B67D



Deuteranomaly
8DB288



Tritanomaly
3EC0B2

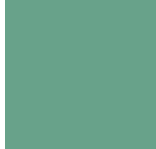
Monochromacy



Original Color
25C684



Achromatopsia
8E8E8E



Achromatomaly
68A28A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25C684 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 #25C684 looks like.

```
.text, #text, p{  
    color:#25C684  
}
```

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 #25C684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C684
}
```

Border

The CSS property to change the border of an element to Hex 25C684 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
#25C684 }
```

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

```
.border{ border-color:#25C684 }
```

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

Here you see how a box with a 4 pixel #25C684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C684; -webkit-box-shadow:4px 4px  
4px 4px #25C684; box-shadow:4px 4px 4px  
4px #25C684 }
```

Background

The CSS property to change the background color of an element to Hex 25C684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C684 }
```

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

```
.background{ background-color:#25C684 }
```

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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