

Converting Colors

Hex(25CFB4)

Have a look what the booklet for
Hex(25CFB4) contains.

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Color

Hex(25CFB4)

Conversions

Conversions Part 1

Format	Color
Hex	25CFB4
RGB	37, 207, 180
RGB Percent	15%, 81%, 71%
CMY	0.8549, 0.1882, 0.2941
CMYK	0.82, 0.00, 0.13, 0.19
HSL	170°, 70%, 48%
HSV	170°, 82%, 81%
XYZ	31.3140, 48.3142, 50.8552
YIQ	153.0920, -92.6530, -44.4370

Conversions

Conversions Part 2

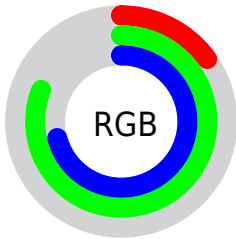
Format	Color
RYB	37, 129, 207
Decimal	2478004
CIELab	75.02, -47.01, 1.76
CIELCh	75, 47.040, 177.855
Yxy	48.3142, 0.2400, 0.3703
Android (android.graphics.Color)	4280668084 (0xFF25CFB4)
YUV	153.0920, 13.2656, -101.8127
Hunter-Lab	69.5085, -41.2244, 5.2770

Details

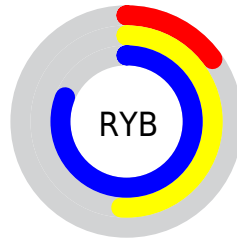
The Hex color **25CFB4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CF2540**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **72FFEC**, and **00987F** is the 20% darker color. If you saturate the color by 10%, you get **10CFB1**, and if you desaturate by 10%, it is **3ACFB7**.

Distribution



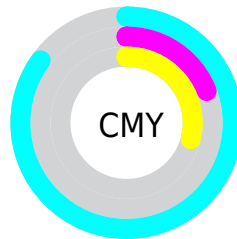
- Red (15%)
- Green (81%)
- Blue (71%)



- Red (15%)
- Yellow (51%)
- Blue (81%)



- Cyan (82%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (85%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25CFB4 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 25CFB4 by changing the saturation by 10% instead.



25CFB4



25CFB4

FFFFFF



00B399



72FFEC



00987F



92FFFF



007D66



B1FFFF



00634E



D0FFFF



004A38



FFFFFF



003222



001A0D



000000



25CFB4



25CFB4

■ 10CFB1

■ 3ACFB7

■ 00CFAE

■ 4ECFBB

■ 63CFBE

■ 78CFC1

■ 8CCFC4

■ A1CFC8

■ B6CFCB

■ CBCFCE

■ DFCFD2

Harmonies

Analogous

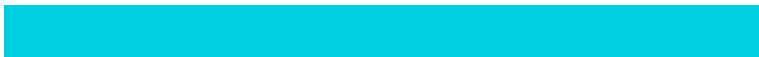
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76CB89



25CFB4



00CFE0

Triad

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



25CFB4



B8AFFF



F8A670

Complementary

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



25CFB4



CF2540

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.



FF9993



25CFB4



EC9FE7

Square

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



25CFB4



6CBEFF



FF96BE



D6B561

Rectangle

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



25CFB4



00CBF8



FF96BE



FFA17A

Sweetspot

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



25CFB4



BFFFF5



41CF25



598079



000000



808080

Same Dimension

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



25CFB4



03FFD7



2596CF



5E6967



00A88E



002922

Inverse Universe

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



CF2540



FF032B



CF5E25



695E60



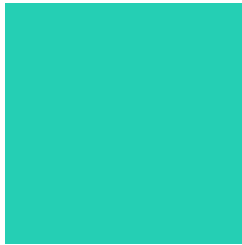
A8001B



290006

Previews

White Background



This preview shows how the Hex color 25CFB4 looks on a white background.

Color Contrast Check

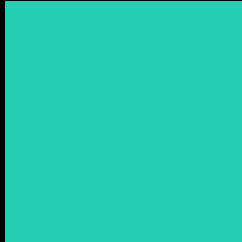
Large Text (above 18pt) WCAG AA × Fail

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 25CFB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

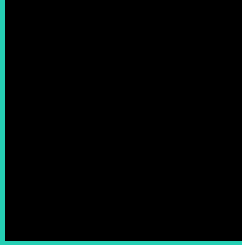
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

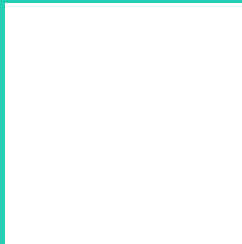
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 25CFB4 Background



This preview shows how black text looks on a background with the Hex color 25CFB4.



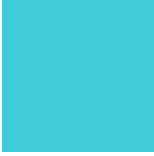
This preview shows how white text looks on a background with the Hex color 25CFB4.

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

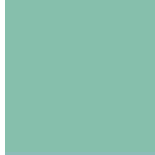




Trichromacy



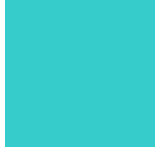
Original Color
25CFB4



Protanomaly
86BFAC



Deuteranomaly
8CBCB8



Tritanomaly
37CCCC

Monochromacy



Original Color
25CFB4



Achromatopsia
999999



Achromatomaly
6FADA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 25CFB4 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 #25CFB4 looks like.

```
.text, #text, p{  
    color:#25CFB4  
}
```

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 #25CFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25CFB4
}
```

Border

The CSS property to change the border of an element to Hex 25CFB4 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
#25CFB4 }
```

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

```
.border{ border-color:#25CFB4 }
```

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

Here you see how a box with a 4 pixel #25CFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25CFB4; -webkit-box-shadow:4px 4px  
4px 4px #25CFB4; box-shadow:4px 4px 4px  
4px #25CFB4 }
```

Background

The CSS property to change the background color of an element to Hex 25CFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25CFB4 }
```

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

```
.background{ background-color:#25CFB4 }
```

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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