

Converting Colors

Hex(25CCA6)

Have a look what the booklet for
Hex(25CCA6) contains.

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Color

Hex(25CCA6)

Conversions

Conversions Part 1

Format	Color
Hex	25CCA6
RGB	37, 204, 166
RGB Percent	15%, 80%, 65%
CMY	0.8549, 0.2000, 0.3490
CMYK	0.82, 0.00, 0.19, 0.20
HSL	166°, 69%, 47%
HSV	166°, 82%, 80%
XYZ	29.2387, 46.3322, 43.4784
YIQ	149.7350, -87.3340, -47.2220

Conversions

Conversions Part 2

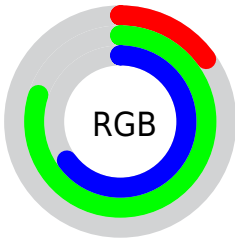
Format	Color
RYB	37, 131, 204
Decimal	2477222
CIELab	73.76, -49.37, 7.48
CIELCh	74, 49.935, 171.382
Yxy	46.3322, 0.2456, 0.3892
Android (android.graphics.Color)	4280667302 (0xFF25CCA6)
YUV	149.7350, 8.0186, -98.8686
Hunter-Lab	68.0678, -42.4433, 9.7759

Details

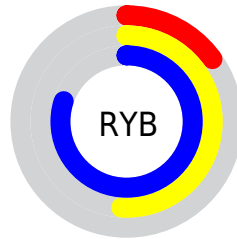
The Hex color **25CCA6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC254B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **71FFDD**, and **009572** is the 20% darker color. If you saturate the color by 10%, you get **11CCA1**, and if you desaturate by 10%, it is **39CCAB**.

Distribution



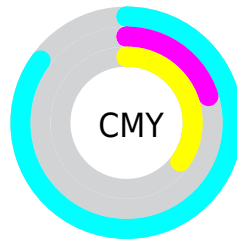
- Red (15%)
- Green (80%)
- Blue (65%)



- Red (15%)
- Yellow (51%)
- Blue (80%)



- Cyan (82%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25CCA6 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 25CCA6 by changing the saturation by 10% instead.

 25CCA6

 25CCA6

FFFFFF

 00B08C

 71FFDD

 009572

 90FFFA

 007A5A

 AFFFFFF

 006042

 CEFFFF

 00472C

 EDFFFF

 003017

 001600

 000000

 25CCA6

 25CCA6

■ 11CCA1

■ 39CCAB

■ 00CC9E

■ 4ECCAF

■ 62CCB4

■ 77CCB9

■ 8BCCBD

■ 9FCCC2

■ B4CCC6

■ C8CCCB

■ DDCCD0

Harmonies

Analogous

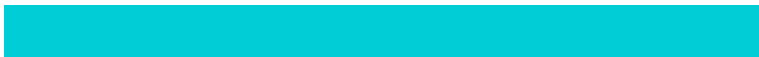
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BC77A



25CCA6



00CDD5

Triad

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



25CCA6



A4AEFF



FD9E6F

Complementary

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



25CCA6



CC254B

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.



FF9196



25CCA6



E19DEF

Square

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



25CCA6



43BEFF



FF91C4



DDAE59

Rectangle

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



25CCA6



00CAF1



FF91C4



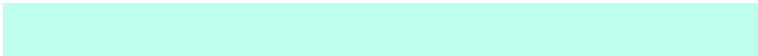
FF997B

Sweetspot

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



25CCA6



BFFFF0



4CCC25



598077



000000



808080

Same Dimension

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



25CCA6



05FFC6



259FCC



5C6664



00A680



00261E

Inverse Universe

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



CC254B



FF053E



CC5225



665C5E



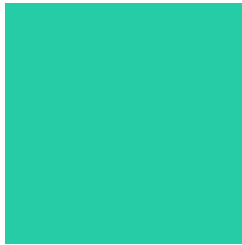
A60026



260009

Previews

White Background



This preview shows how the Hex color 25CCA6 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 25CCA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

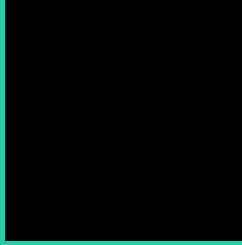
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

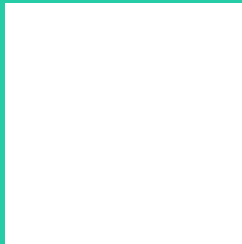
Any Text WCAG AAA ✓ Pass

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

Hex 25CCA6 Background



This preview shows how black text looks on a background with the Hex color 25CCA6.

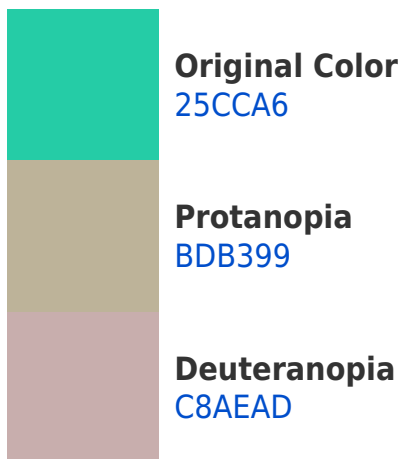


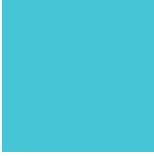
This preview shows how white text looks on a background with the Hex color 25CCA6.

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](#).

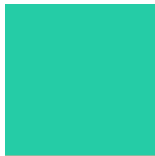
Dichromacy





Tritanopia
45C5D6

Trichromacy



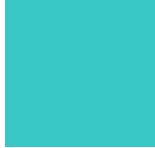
Original Color
25CCA6



Protanomaly
86BC9E



Deuteranomaly
8DB9AA



Tritanomaly
39C8C5

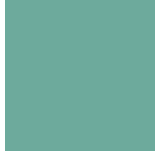
Monochromacy



Original Color
25CCA6



Achromatopsia
969696



Achromatomaly
6DAA9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25CCA6 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 #25CCA6 looks like.

```
.text, #text, p{  
    color:#25CCA6  
}
```

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 #25CCA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25CCA6
}
```

Border

The CSS property to change the border of an element to Hex 25CCA6 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
#25CCA6 }
```

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

```
.border{ border-color:#25CCA6 }
```

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

Here you see how a box with a 4 pixel #25CCA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25CCA6; -webkit-box-shadow:4px 4px  
4px 4px #25CCA6; box-shadow:4px 4px 4px  
4px #25CCA6 }
```

Background

The CSS property to change the background color of an element to Hex 25CCA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25CCA6 }
```

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

```
.background{ background-color:#25CCA6 }
```

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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