

Converting Colors

Hex(25BEC5)

Have a look what the booklet for
Hex(25BEC5) contains.

Hex(25BEC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25BEC5)

Conversions

Conversions Part 1

Format	Color
Hex	25BEC5
RGB	37, 190, 197
RGB Percent	15%, 75%, 77%
CMY	0.8549, 0.2549, 0.2275
CMYK	0.81, 0.04, 0.00, 0.23
HSL	183°, 68%, 46%
HSV	183°, 81%, 77%
XYZ	29.2544, 41.2514, 59.2438
YIQ	145.0510, -93.4350, -30.2590

Conversions

Conversions Part 2

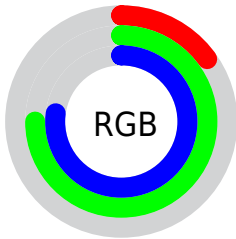
Format	Color
RYB	37, 115, 197
Decimal	2473669
CIELab	70.35, -34.62, -14.39
CIELCh	70, 37.491, 202.578
Yxy	41.2514, 0.2255, 0.3179
Android (android.graphics.Color)	4280663749 (0xFF25BEC5)
YUV	145.0510, 25.6109, -94.7607
Hunter-Lab	64.2273, -31.0940, -9.7305

Details

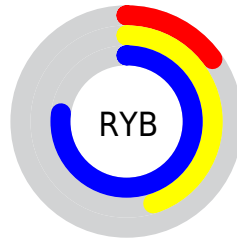
The Hex color **25BEC5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C52C25**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71F7FE**, and **00888F** is the 20% darker color. If you saturate the color by 10%, you get **11BDC5**, and if you desaturate by 10%, it is **39BFC5**.

Distribution



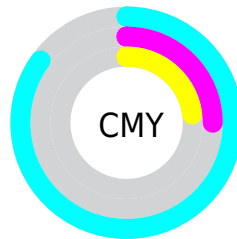
- Red (15%)
- Green (75%)
- Blue (77%)



- Red (15%)
- Yellow (45%)
- Blue (77%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25BEC5 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 25BEC5 by changing the saturation by 10% instead.

 25BEC5

 25BEC5

FFFFFF

 00A3AA

 71F7FE

 00888F

 91FFFF

 006E76

 B0FFFF

 00555D

 CEFFFF

 003D45

 EDFFFF

 00282F

 00041B

 000000

 25BEC5

 25BEC5

■ 11BDC5

■ 39BFC5

■ 00BCC5

■ 4CC0C5

■ 60C1C5

■ 74C1C5

■ 88C2C5

■ 9BC3C5

■ AFC4C5

■ C3C5C5

■ D6C6C5

Harmonies

Analogous

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



54BEA2



25BEC5



31BAE1

Triad

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



25BEC5



CF9AD6



CAA768

Complementary

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



25BEC5



C52C25

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.



E39B77



25BEC5



E892B6

Square

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



25BEC5



A4A6EB



EF9394



A8B26C

Rectangle

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



25BEC5



58B5EC



EF9394



D4A36B

Sweetspot

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



25BEC5



C2FCFF



25C52A



5B7E80



000000



808080

Same Dimension

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



25BEC5



08F4FF



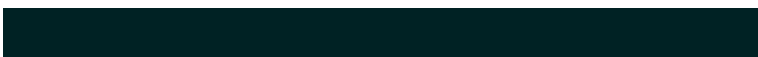
2570C5



5A6363



009CA3



002224

Inverse Universe

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



C525BE



FF08F4



C57A25



635A63



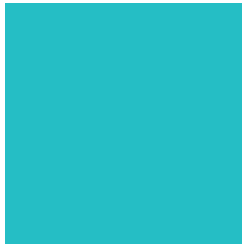
A3009C



240022

Previews

White Background



This preview shows how the Hex color 25BEC5 looks on a white background.

Color Contrast Check

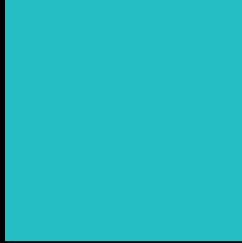
Large Text (above 18pt) WCAG AA × Fail

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 25BEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

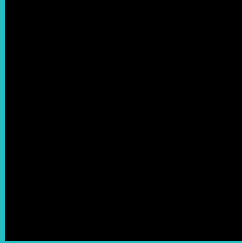
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

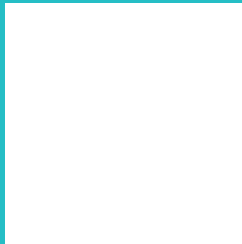
Any Text WCAG AAA ✓ Pass

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

Hex 25BEC5 Background



This preview shows how black text looks on a background with the Hex color 25BEC5.

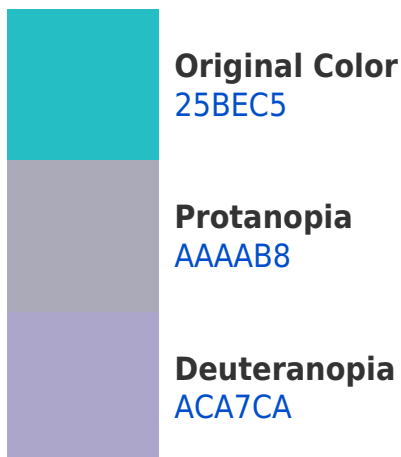


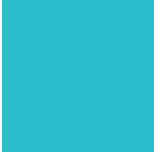
This preview shows how white text looks on a background with the Hex color 25BEC5.

Color Blindness Simulation

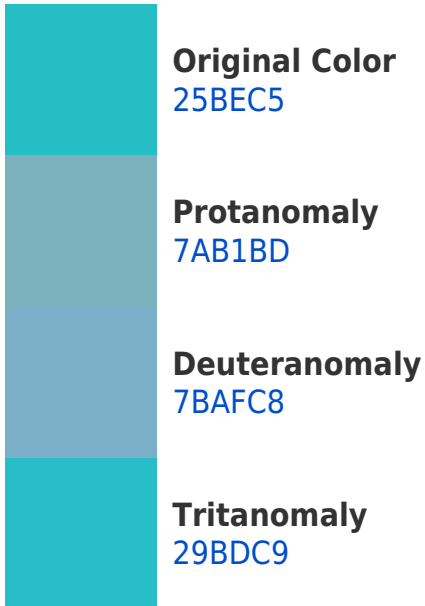
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25BEC5 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 #25BEC5 looks like.

```
.text, #text, p{  
    color:#25BEC5  
}
```

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 #25BEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25BEC5
}
```

Border

The CSS property to change the border of an element to Hex 25BEC5 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
#25BEC5 }
```

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

```
.border{ border-color:#25BEC5 }
```

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

Here you see how a box with a 4 pixel #25BEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25BEC5; -webkit-box-shadow:4px 4px  
4px 4px #25BEC5; box-shadow:4px 4px 4px  
4px #25BEC5 }
```

Background

The CSS property to change the background color of an element to Hex 25BEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25BEC5 }
```

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

```
.background{ background-color:#25BEC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor