

Converting Colors

Hex(25AEB0)

Have a look what the booklet for
Hex(25AEB0) contains.

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Color

Hex(25AEB0)

Conversions

Conversions Part 1

Format	Color
Hex	25AEB0
RGB	37, 174, 176
RGB Percent	15%, 68%, 69%
CMY	0.8549, 0.3176, 0.3098
CMYK	0.79, 0.01, 0.00, 0.31
HSL	181°, 65%, 42%
HSV	181°, 79%, 69%
XYZ	23.7355, 33.8000, 46.3474
YIQ	133.2650, -82.2940, -28.4220

Conversions

Conversions Part 2

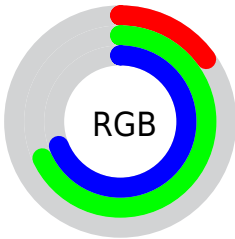
Format	Color
RYB	37, 106, 176
Decimal	2469552
CIELab	64.80, -33.43, -11.13
CIElCh	65, 35.232, 198.418
Yxy	33.8000, 0.2285, 0.3254
Android (android.graphics.Color)	4280659632 (0xFF25AEB0)
YUV	133.2650, 21.0684, -84.4244
Hunter-Lab	58.1378, -28.8662, -6.5695

Details

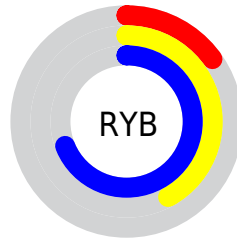
The Hex color **25AEB0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B02725**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DE6E8**, and **00797C** is the 20% darker color. If you saturate the color by 10%, you get **13AEB0**, and if you desaturate by 10%, it is **37AEB0**.

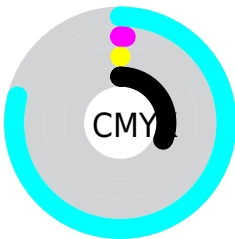
Distribution



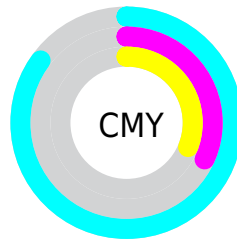
- Red (15%)
- Green (68%)
- Blue (69%)



- Red (15%)
- Yellow (42%)
- Blue (69%)



- Cyan (79%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Hex color 25AEB0 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 25AEB0 by changing the saturation by 10% instead.

 25AEB0

 25AEB0

FFFFFF

 009395

 6DE6E8

 00797C

 8BFFFF

 006063

 A9FFFF

 00474B

 C7FFFF

 003034

 E6FFFF

 001A1F

 000005

 000000

 25AEB0

 25AEB0

■ 13AEB0

■ 37AEB0

■ 02ADB0

■ 48AFB0

■ 00ADB0

■ 5AAFB0

■ 6BAFB0

■ 7DAFB0

■ 8FB0B0

■ A0B0B0

■ B2B0B0

■ C3B0B0

Harmonies

Analogous

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



52AD90



25AEB0



23ABCB

Triad

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



25AEB0



B98EC7



BD975F

Complementary

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



25AEB0



B02725

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.



D28C6F



25AEB0



D386AB

Square

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



25AEB0



8F9AD9



DB858B



9EA160

Rectangle

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



25AEB0



47A7D7



DB858B



C59363

Sweetspot

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



25AEB0



AEE5E6



25B025



517273



F2F2F2



737373

Same Dimension

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



25AEBO



0BE2E6



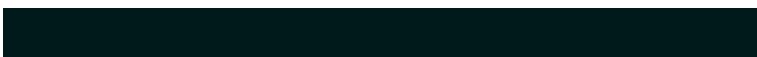
256BB0



505959



009799



00191A

Inverse Universe

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



B025AE



E60BE2



B06B25



595059



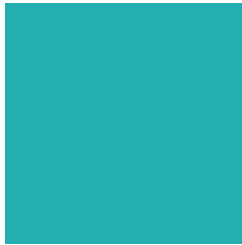
990097



1A0019

Previews

White Background



This preview shows how the Hex color 25AE80 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 25AEB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

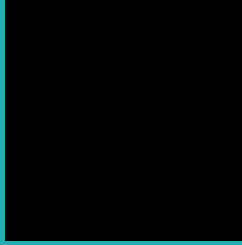
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

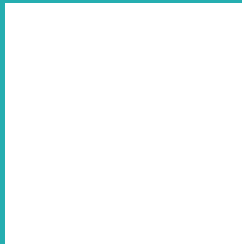
Any Text WCAG AAA ✓ Pass

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

Hex 25AEB0 Background



This preview shows how black text looks on a background with the Hex color 25AEB0.

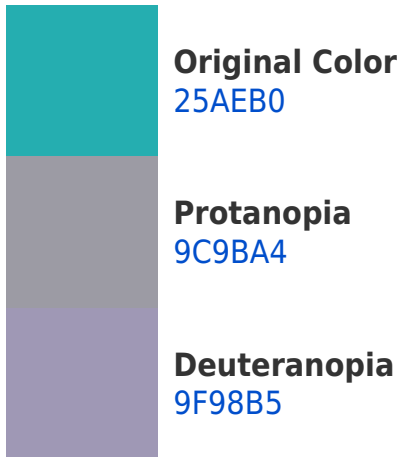


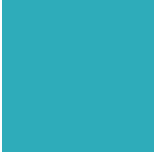
This preview shows how white text looks on a background with the Hex color 25AEB0.

Color Blindness Simulation

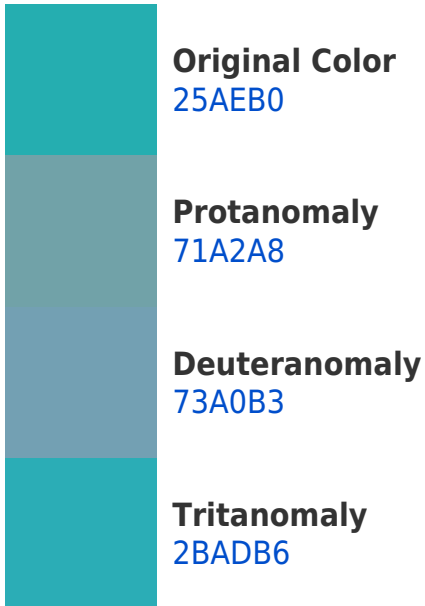
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

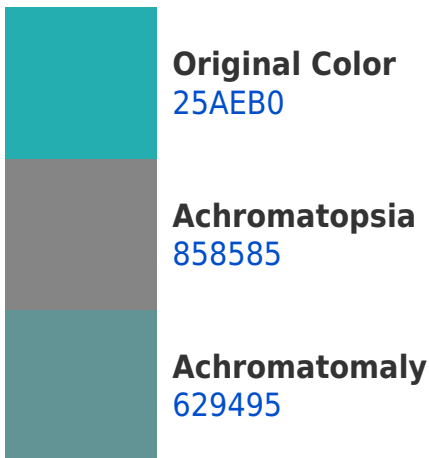




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25AEB0 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 #25AEB0 looks like.

```
.text, #text, p{  
    color:#25AEB0  
}
```

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 #25AEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25AEB0
}
```

Border

The CSS property to change the border of an element to Hex 25AEB0 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
#25AEB0 }
```

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

```
.border{ border-color:#25AEB0 }
```

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

Here you see how a box with a 4 pixel #25AEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25AEB0; -webkit-box-shadow:4px 4px  
4px 4px #25AEB0; box-shadow:4px 4px 4px  
4px #25AEB0 }
```

Background

The CSS property to change the background color of an element to Hex 25AEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25AEB0 }
```

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

```
.background{ background-color:#25AEB0 }
```

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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