

Converting Colors

Hex(25B2B6)

Have a look what the booklet for
Hex(25B2B6) contains.

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Color

Hex(25B2B6)

Conversions

Conversions Part 1

Format	Color
Hex	25B2B6
RGB	37, 178, 182
RGB Percent	15%, 70%, 71%
CMY	0.8549, 0.3020, 0.2863
CMYK	0.80, 0.02, 0.00, 0.29
HSL	182°, 66%, 43%
HSV	182°, 80%, 71%
XYZ	25.1268, 35.6115, 49.8054
YIQ	136.2970, -85.3200, -28.6480

Conversions

Conversions Part 2

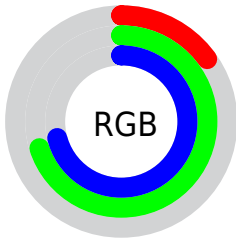
Format	Color
RYB	37, 108, 182
Decimal	2470582
CIELab	66.22, -33.51, -12.34
CIELCh	66, 35.705, 200.215
Yxy	35.6115, 0.2273, 0.3221
Android (android.graphics.Color)	4280660662 (0xFF25B2B6)
YUV	136.2970, 22.5316, -87.0835
Hunter-Lab	59.6754, -29.2729, -7.7110

Details

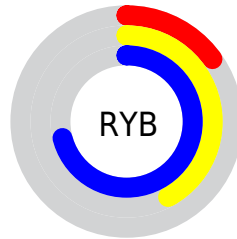
The Hex color **25B2B6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B62925**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6EEAEE**, and **007D81** is the 20% darker color. If you saturate the color by 10%, you get **13B1B6**, and if you desaturate by 10%, it is **37B3B6**.

Distribution



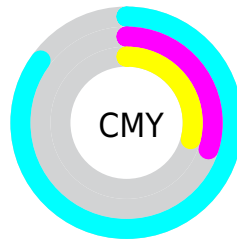
- Red (15%)
- Green (70%)
- Blue (71%)



- Red (15%)
- Yellow (42%)
- Blue (71%)



- Cyan (80%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B2B6 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 25B2B6 by changing the saturation by 10% instead.

 25B2B6

 25B2B6

FFFFFF

 00979B

 6EEAEE

 007D81

 8DFFFF

 006368

 ABFFFF

 004B50

 C9FFFF

 003339

 E8FFFF

 001F24

 00010E

 000000

 25B2B6

 25B2B6

■ 13B1B6

■ 37B3B6

■ 01B1B6

■ 49B3B6

■ 00B1B6

■ 5CB4B6

■ 6EB4B6

■ 80B5B6

■ 92B5B6

■ A4B6B6

■ B7B6B6

■ C9B7B6

Harmonies

Analogous

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



52B295



25B2B6



29AFD1

Triad

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



25B2B6



BF91CA



C09B62

Complementary

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



25B2B6



B62925

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.



D69071



25B2B6



D989AD

Square

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



25B2B6



959DDD



E0898C



A0A664

Rectangle

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



25B2B6



4DAADD



E0898C



C89865

Sweetspot

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



25B2B6



B4ECED



25B627



557778



F7F7F7



787878

Same Dimension

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



25B2B6



09E7ED



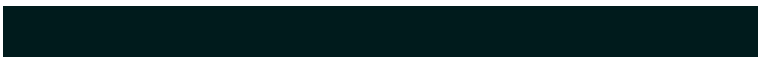
256BB6



535C5C



00979C



001B1C

Inverse Universe

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



B625B2



ED09E7



B67025



5C535C



9C0097



1C001B

Previews

White Background



This preview shows how the Hex color 25B2B6 looks on a white background.

Color Contrast Check

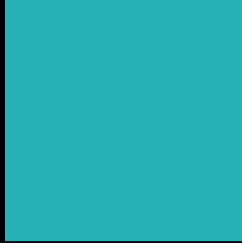
Large Text (above 18pt) WCAG AA × Fail

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 25B2B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

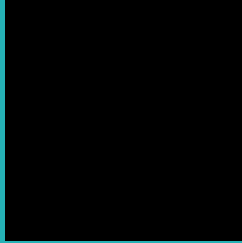
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

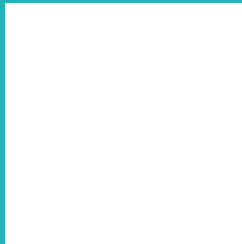
Any Text WCAG AAA ✓ Pass

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

Hex 25B2B6 Background



This preview shows how black text looks on a background with the Hex color 25B2B6.

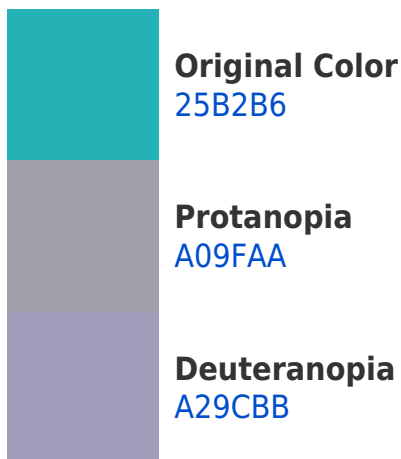


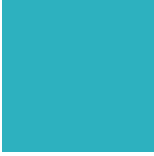
This preview shows how white text looks on a background with the Hex color 25B2B6.

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
2DB1BF

Trichromacy



Original Color
25B2B6



Protanomaly
73A6AE



Deuteranomaly
75A4B9



Tritanomaly
2AB1BC

Monochromacy



Original Color
25B2B6



Achromatopsia
888888



Achromatomaly
649799

CSS Examples

Text

The CSS property to change the color of the text to Hex 25B2B6 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 #25B2B6 looks like.

```
.text, #text, p{  
    color:#25B2B6  
}
```

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 #25B2B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B2B6
}
```

Border

The CSS property to change the border of an element to Hex 25B2B6 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
#25B2B6 }
```

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

```
.border{ border-color:#25B2B6 }
```

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

Here you see how a box with a 4 pixel #25B2B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B2B6; -webkit-box-shadow:4px 4px  
4px 4px #25B2B6; box-shadow:4px 4px 4px  
4px #25B2B6 }
```

Background

The CSS property to change the background color of an element to Hex 25B2B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B2B6 }
```

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

```
.background{ background-color:#25B2B6 }
```

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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