

Converting Colors

Hex(25AFB9)

Have a look what the booklet for
Hex(25AFB9) contains.

Hex(25AFB9)	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(25AFB9)

Conversions

Conversions Part 1

Format	Color
Hex	25AFB9
RGB	37, 175, 185
RGB Percent	15%, 69%, 73%
CMY	0.8549, 0.3137, 0.2745
CMYK	0.80, 0.05, 0.00, 0.27
HSL	184°, 67%, 44%
HSV	184°, 80%, 73%
XYZ	24.8499, 34.5560, 51.2592
YIQ	134.8780, -85.4580, -26.1460

Conversions

Conversions Part 2

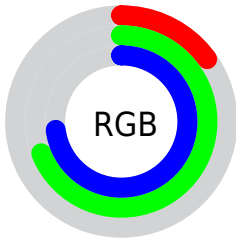
Format	Color
R _Y B	37, 108, 185
Decimal	2469817
CIE Lab	65.40, -31.15, -15.24
CIE LCh	65, 34.679, 206.065
Yxy	34.5560, 0.2246, 0.3123
Android (android.graphics.Color)	4280659897 (0xFF25AFB9)
YUV	134.8780, 24.7101, -85.8390
Hunter-Lab	58.7844, -27.4155, -10.5510

Details

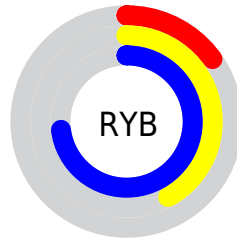
The Hex color **25AFB9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B92F25**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EE7F1**, and **007A84** is the 20% darker color. If you saturate the color by 10%, you get **12AEB9**, and if you desaturate by 10%, it is **38B0B9**.

Distribution



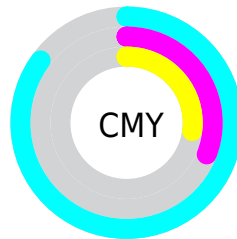
- Red (15%)
- Green (69%)
- Blue (73%)



- Red (15%)
- Yellow (42%)
- Blue (73%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25AFB9 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 25AFB9 by changing the saturation by 10% instead.

 25AFB9

 25AFB9

FFFFFF

 00949E

 6EE7F1

 007A84

 8DFFFF

 00616B

 ABFFFF

 004853

 C9FFFF

 00313C

 E7FFFF

 001D26

 000111

 000000

 25AFB9

 25AFB9

12AEB9

38B0B9

00ADB9

4AB2B9

5DB3B9

6FB4B9

82B5B9

94B7B9

A7B8B9

B9B9B9

CCBAB9

Harmonies

Analogous

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



4BAF99



25AFB9



37ABD1

Triad

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



25AFB9



C28DC2



B79C61

Complementary

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



25AFB9



B92F25

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.



CF916C



25AFB9



D787A4

Square

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



25AFB9



9D98D6



DB8985



98A566

Rectangle

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



25AFB9



5AA6DA



DB8985



C09863

Sweetspot

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



25AFB9



B6ECF0



25B92F



557678



F7F7F7



787878

Same Dimension

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



25AFB9



0AE0F0



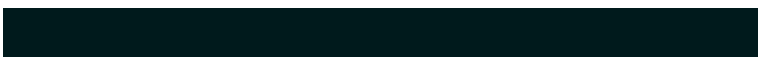
2565B9



535B5C



00919C



001A1C

Inverse Universe

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



B925AF



F00AE0



B97925



5C535B



9C0091



1C001A

Previews

White Background



This preview shows how the Hex color 25AFB9 looks on a white background.

Color Contrast Check

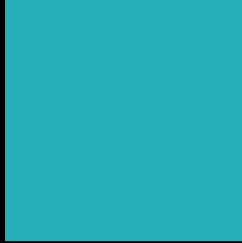
Large Text (above 18pt) WCAG AA × Fail

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 25AFB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

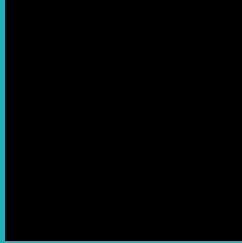
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

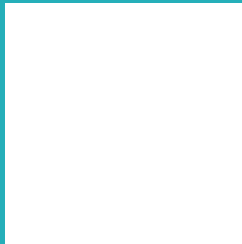
Any Text WCAG AAA ✓ Pass

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

Hex 25AFB9 Background



This preview shows how black text looks on a background with the Hex color 25AFB9.

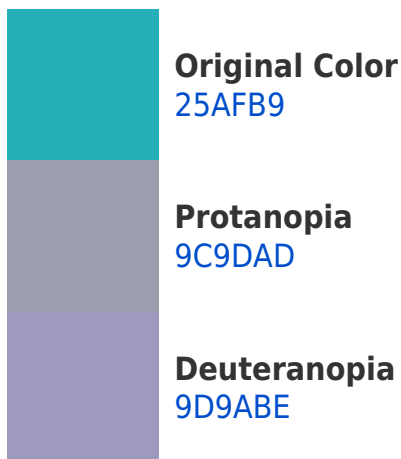


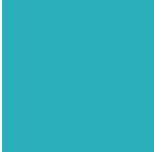
This preview shows how white text looks on a background with the Hex color 25AFB9.

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
28AEBD

Trichromacy



Original Color
25AFB9



Protanomaly
71A4B1



Deuteranomaly
71A2BC



Tritanomaly
27AEBC

Monochromacy



Original Color
25AFB9



Achromatopsia
878787



Achromatomaly
639699

CSS Examples

Text

The CSS property to change the color of the text to Hex 25AFB9 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 #25AFB9 looks like.

```
.text, #text, p{  
    color:#25AFB9  
}
```

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 #25AFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25AFB9
}
```

Border

The CSS property to change the border of an element to Hex 25AFB9 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
#25AFB9 }
```

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

```
.border{ border-color:#25AFB9 }
```

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

Here you see how a box with a 4 pixel #25AFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25AFB9; -webkit-box-shadow:4px 4px  
4px 4px #25AFB9; box-shadow:4px 4px 4px  
4px #25AFB9 }
```

Background

The CSS property to change the background color of an element to Hex 25AFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25AFB9 }
```

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

```
.background{ background-color:#25AFB9 }
```

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