

Converting Colors

Hex(25B9DA)

Have a look what the booklet for
Hex(25B9DA) contains.

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Color

Hex(25B9DA)

Conversions

Conversions Part 1

Format	Color
Hex	25B9DA
RGB	37, 185, 218
RGB Percent	15%, 73%, 85%
CMY	0.8549, 0.2745, 0.1451
CMYK	0.83, 0.15, 0.00, 0.15
HSL	191°, 71%, 50%
HSV	191°, 83%, 85%
XYZ	30.7668, 40.1532, 72.4584
YIQ	144.5100, -98.8010, -21.1130

Conversions

Conversions Part 2

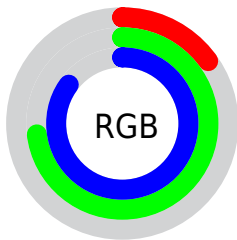
Format	Color
R _Y B	37, 118, 218
Decimal	2472410
CIE Lab	69.58, -25.56, -27.06
CIE LCh	70, 37.228, 226.631
Yxy	40.1532, 0.2146, 0.2801
Android (android.graphics.Color)	4280662490 (0xFF25B9DA)
YUV	144.5100, 36.2306, -94.2863
Hunter-Lab	63.3665, -24.2231, -23.4404

Details

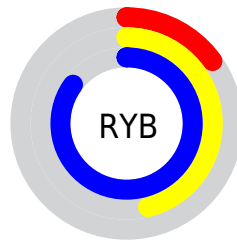
The Hex color **25B9DA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA4625**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **74F1FF**, and **0084A3** is the 20% darker color. If you saturate the color by 10%, you get **0FB5DA**, and if you desaturate by 10%, it is **3BBDDA**.

Distribution



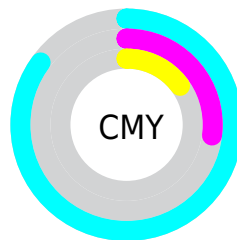
- Red (15%)
- Green (73%)
- Blue (85%)



- Red (15%)
- Yellow (46%)
- Blue (85%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B9DA 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 25B9DA by changing the saturation by 10% instead.

 25B9DA

 25B9DA

FFFFFF

 009EBE

 74F1FF

 0084A3

 93FFFF

 006A89

 B3FFFF

 00526F

 D2FFFF

 003A57

 F1FFFF

 00253F

 000329

 000113

 000000

■ 25B9DA

■ 25B9DA

■ 0FB5DA

■ 3BBDDA

■ 00B2DA

■ 51C1DA

■ 66C5DA

■ 7CC9DA

■ 92CDDA

■ A8D1DA

■ BED5DA

■ D3D9DA

■ E9DDDA

Harmonies

Analogous

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



2CBCBC



25B9DA



5FB2EB

Triad

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



25B9DA



E291BB



ADAE68

Complementary

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



25B9DA



DA4625

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.



CEA368



25B9DA



EC9098

Square

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



25B9DA



C59AD9



E4977A



87B67A

Rectangle

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



25B9DA



86ABED



E4977A



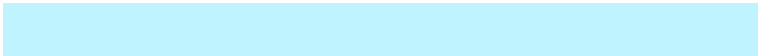
B9AA66

Sweetspot

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



25B9DA



BFF3FF



25DA43



597980



000000



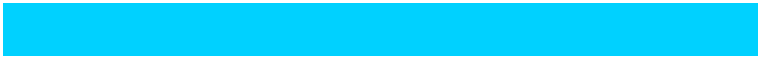
808080

Same Dimension

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



25B9DA



00D1FF



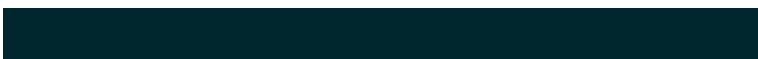
2561DA



636C6E



008EAD



00262E

Inverse Universe

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



DA25B9



FF00D1



DA9E25



6E636C



AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 25B9DA 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 25B9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

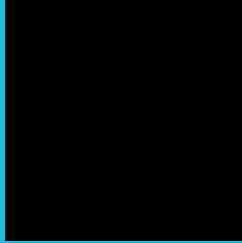
Any Text WCAG AA ✓ Pass

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 25B9DA Background



This preview shows how black text looks on a background with the Hex color 25B9DA.

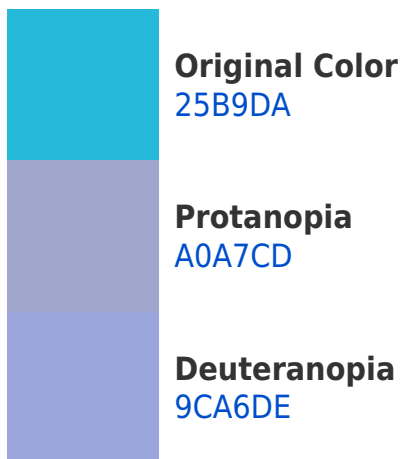


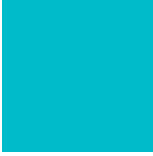
This preview shows how white text looks on a background with the Hex color 25B9DA.

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
00BCCB

Trichromacy



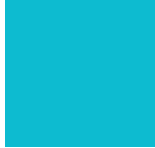
Original Color
25B9DA



Protanomaly
73AED2



Deuteranomaly
71ADDD



Tritanomaly
0DBBD0

Monochromacy



Original Color
25B9DA



Achromatopsia
919191



Achromatomaly
6AA0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 25B9DA 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 #25B9DA looks like.

```
.text, #text, p{  
    color:#25B9DA  
}
```

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 #25B9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B9DA
}
```

Border

The CSS property to change the border of an element to Hex 25B9DA 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
#25B9DA }
```

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

```
.border{ border-color:#25B9DA }
```

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

Here you see how a box with a 4 pixel #25B9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B9DA; -webkit-box-shadow:4px 4px  
4px 4px #25B9DA; box-shadow:4px 4px 4px  
4px #25B9DA }
```

Background

The CSS property to change the background color of an element to Hex 25B9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B9DA }
```

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

```
.background{ background-color:#25B9DA }
```

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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