

Converting Colors

Hex(25B6DA)

Have a look what the booklet for
Hex(25B6DA) contains.

Hex(25B6DA)	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(25B6DA)

Conversions

Conversions Part 1

Format	Color
Hex	25B6DA
RGB	37, 182, 218
RGB Percent	15%, 71%, 85%
CMY	0.8549, 0.2863, 0.1451
CMYK	0.83, 0.17, 0.00, 0.15
HSL	192°, 71%, 50%
HSV	192°, 83%, 85%
XYZ	30.1458, 38.9112, 72.2514
YIQ	142.7490, -97.9760, -19.5440

Conversions

Conversions Part 2

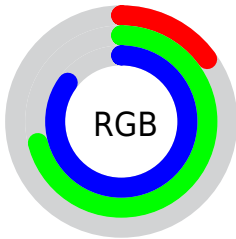
Format	Color
R _Y B	37, 118, 218
Decimal	2471642
CIE Lab	68.69, -24.05, -28.43
CIE LCh	69, 37.238, 229.778
Yxy	38.9112, 0.2133, 0.2754
Android (android.graphics.Color)	4280661722 (0xFF25B6DA)
YUV	142.7490, 37.0987, -92.7419
Hunter-Lab	62.3788, -22.8993, -25.0086

Details

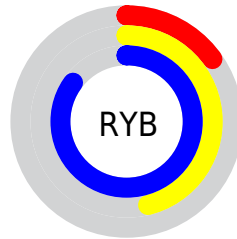
The Hex color **25B6DA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA4925**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **73EEFF**, and **0081A3** is the 20% darker color. If you saturate the color by 10%, you get **0FB2DA**, and if you desaturate by 10%, it is **3BBADA**.

Distribution



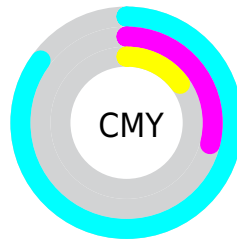
- Red (15%)
- Green (71%)
- Blue (85%)



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



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B6DA 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 25B6DA by changing the saturation by 10% instead.

 25B6DA

 25B6DA

FFFFFF

 009BBE

 73EEFF

 0081A3

 93FFFF

 006889

 B2FFFF

 004F6F

 D1FFFF

 003857

 F0FFFF

 00233F

 000329

 000113

 000000

■ 25B6DA

■ 25B6DA

■ 0FB2DA

■ 3BBADA

■ 00AFDA

■ 51BFDA

■ 66C3DA

■ 7CC7DA

■ 92CCDA

■ A8D0DA

■ BED4DA

■ D3D9DA

■ E9DDDA

Harmonies

Analogous

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



23B9BD



25B6DA



62AEE9

Triad

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



25B6DA



E28EB5



A7AC67

Complementary

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



25B6DA



DA4925

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.



C8A265



25B6DA



E98E92

Square

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



25B6DA



C797D3



E09675



81B47B

Rectangle

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



25B6DA



89A7EA



E09675



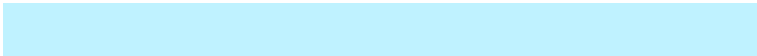
B3A964

Sweetspot

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



25B6DA



BFF2FF



25DA46



597880



000000



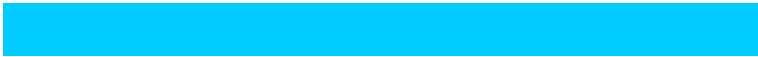
808080

Same Dimension

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



25B6DA



00CCFF



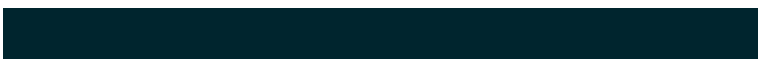
255EDA



636B6E



008BAD



00252E

Inverse Universe

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



DA25B6



FF00CC



DAA125



6E636B



AD008B



2E0025

Previews

White Background



This preview shows how the Hex color 25B6DA looks on a white background.

Color Contrast Check

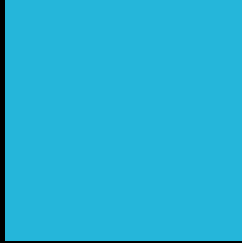
Large Text (above 18pt) WCAG AA × Fail

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 25B6DA 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 25B6DA Background



This preview shows how black text looks on a background with the Hex color 25B6DA.

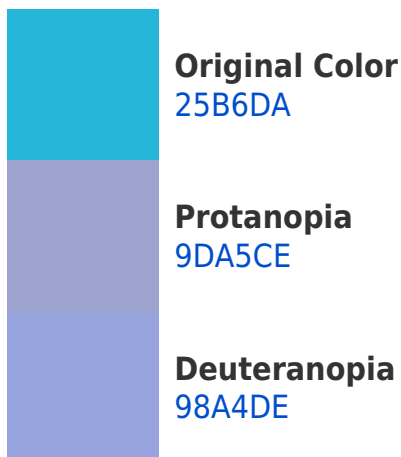


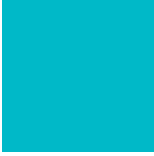
This preview shows how white text looks on a background with the Hex color 25B6DA.

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](#).

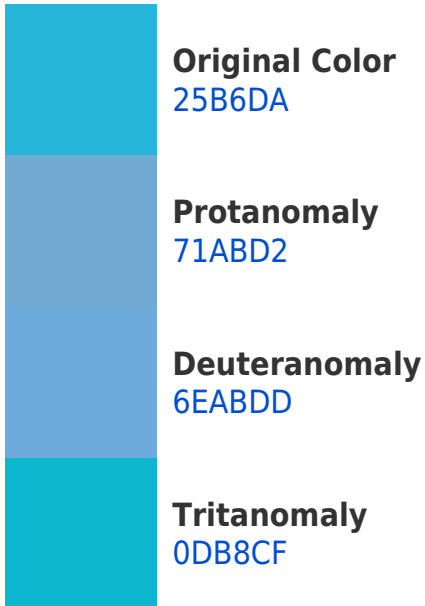
Dichromacy



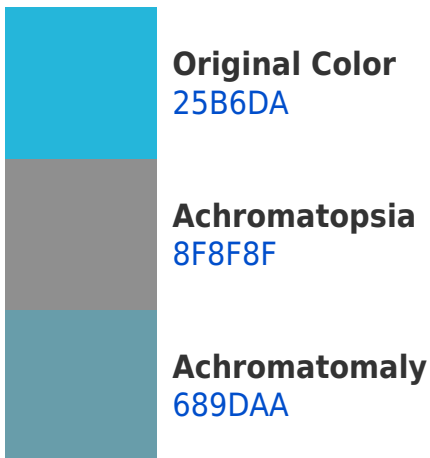


Tritanopia
00B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25B6DA 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 #25B6DA looks like.

```
.text, #text, p{  
    color:#25B6DA  
}
```

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 #25B6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B6DA
}
```

Border

The CSS property to change the border of an element to Hex 25B6DA 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
#25B6DA }
```

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

```
.border{ border-color:#25B6DA }
```

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

Here you see how a box with a 4 pixel #25B6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B6DA; -webkit-box-shadow:4px 4px  
4px 4px #25B6DA; box-shadow:4px 4px 4px  
4px #25B6DA }
```

Background

The CSS property to change the background color of an element to Hex 25B6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B6DA }
```

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

```
.background{ background-color:#25B6DA }
```

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