

Converting Colors

Hex(25A2C8)

Have a look what the booklet for
Hex(25A2C8) contains.

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Color

Hex(25A2C8)

Conversions

Conversions Part 1

Format	Color
Hex	25A2C8
RGB	37, 162, 200
RGB Percent	15%, 64%, 78%
CMY	0.8549, 0.3647, 0.2157
CMYK	0.81, 0.19, 0.00, 0.22
HSL	194°, 69%, 46%
HSV	194°, 82%, 78%
XYZ	24.1086, 30.4041, 59.2415
YIQ	128.9570, -86.6980, -14.6820

Conversions

Conversions Part 2

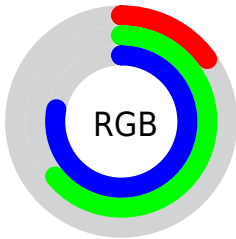
Format	Color
R_{YB}	37, 108, 200
Decimal	2466504
CIE _{Lab}	62.00, -19.71, -28.79
CIE _{LCh}	62, 34.889, 235.607
Yxy	30.4041, 0.2119, 0.2673
Android (android.graphics.Color)	4280656584 (0xFF25A2C8)
YUV	128.9570, 35.0242, -80.6463
Hunter-Lab	55.1399, -18.4500, -25.1023

Details

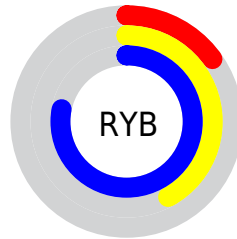
The Hex color **25A2C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C84B25**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6FD9FF**, and **006E92** is the 20% darker color. If you saturate the color by 10%, you get **119DC8**, and if you desaturate by 10%, it is **39A7C8**.

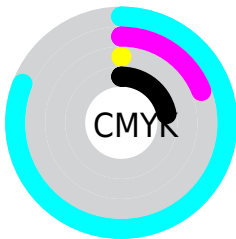
Distribution



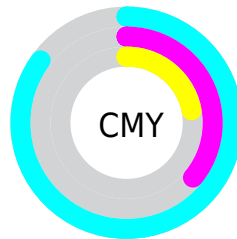
- Red (15%)
- Green (64%)
- Blue (78%)



- Red (15%)
- Yellow (42%)
- Blue (78%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A2C8 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 25A2C8 by changing the saturation by 10% instead.

 25A2C8

 25A2C8

FFFFFF

 0088AD

 6FD9FF

 006E92

 8DF5FF

 005678

 ACFFFF

 003E5F

 CAFFFF

 002847

 E9FFFF

 001031

 00011B

 000000

 25A2C8

 25A2C8

■ 119DC8

■ 39A7C8

■ 0099C8

■ 4DABC8

■ 61B0C8

■ 75B5C8

■ 89B9C8

■ 9DBEC8

■ B1C3C8

■ C5C7C8

■ D9CCC8

Harmonies

Analogous

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



0AA6AF



25A2C8



609AD3

Triad

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



25A2C8



CE7E9C



8F9C5D

Complementary

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



25A2C8



C84B25

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.



AE9258



25A2C8



D27F7D

Square

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



25A2C8



B885B9



C68864



6BA372

Rectangle

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



25A2C8



8393D1



C68864



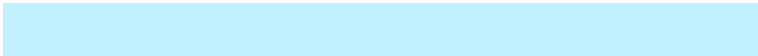
9A9959

Sweetspot

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



25A2C8



C2F1FF



25C848



5B7780



000000



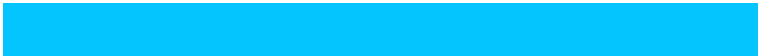
808080

Same Dimension

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



25A2C8



05C5FF



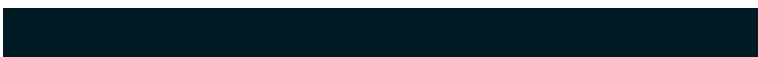
2553C8



5A6163



007DA3



001B24

Inverse Universe

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



C825A2



FF05C5



C89A25



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 25A2C8 looks on a white background.

Color Contrast Check

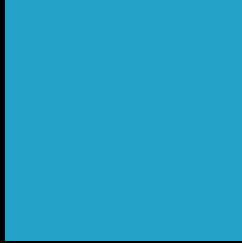
Large Text (above 18pt) WCAG AA × Fail

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 25A2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

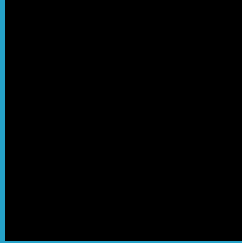
Any Text WCAG AA ✓ Pass

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 25A2C8 Background



This preview shows how black text looks on a background with the Hex color 25A2C8.



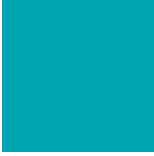
This preview shows how white text looks on a background with the Hex color 25A2C8.

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
00A5B3

Trichromacy



Original Color
25A2C8



Protanomaly
6598C1



Deuteranomaly
6198CA



Tritanomaly
0DA4BB

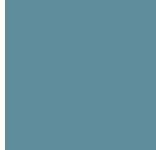
Monochromacy



Original Color
25A2C8



Achromatopsia
818181



Achromatomaly
608D9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A2C8 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 #25A2C8 looks like.

```
.text, #text, p{  
    color:#25A2C8  
}
```

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 #25A2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A2C8
}
```

Border

The CSS property to change the border of an element to Hex 25A2C8 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
#25A2C8 }
```

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

```
.border{ border-color:#25A2C8 }
```

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

Here you see how a box with a 4 pixel #25A2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A2C8; -webkit-box-shadow:4px 4px  
4px 4px #25A2C8; box-shadow:4px 4px 4px  
4px #25A2C8 }
```

Background

The CSS property to change the background color of an element to Hex 25A2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A2C8 }
```

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

```
.background{ background-color:#25A2C8 }
```

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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