

Converting Colors

Hex(05B5C8)

Have a look what the booklet for
Hex(05B5C8) contains.

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Color

Hex(05B5C8)

Conversions

Conversions Part 1

Format	Color
Hex	05B5C8
RGB	5, 181, 200
RGB Percent	2%, 71%, 78%
CMY	0.9804, 0.2902, 0.2157
CMYK	0.97, 0.09, 0.00, 0.22
HSL	186°, 95%, 40%
HSV	186°, 98%, 78%
XYZ	27.0118, 37.2501, 60.4099
YIQ	130.5420, -110.9950, -31.4030

Conversions

Conversions Part 2

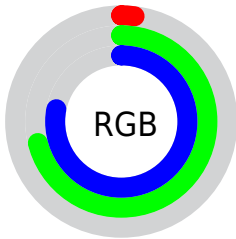
Format	Color
RYB	5, 98, 200
Decimal	374216
CIELab	67.46, -31.03, -20.44
CIELCh	67, 37.154, 213.372
Yxy	37.2501, 0.2167, 0.2988
Android (android.graphics.Color)	4278564296 (0xFF05B5C8)
YUV	130.5420, 34.2428, -110.1003
Hunter-Lab	61.0329, -27.8075, -15.9618

Details

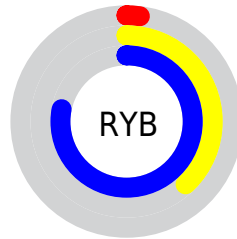
The Hex color **05B5C8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C81805**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **67EDFF**, and **008092** is the 20% darker color. If you saturate the color by 10%, you get **00B5C8**, and if you desaturate by 10%, it is **19B7C8**.

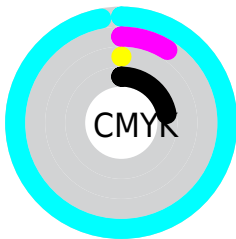
Distribution



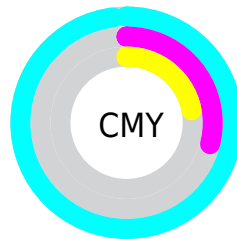
- Red (2%)
- Green (71%)
- Blue (78%)



- Red (2%)
- Yellow (38%)
- Blue (78%)



- Cyan (97%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05B5C8 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 05B5C8 by changing the saturation by 10% instead.

 05B5C8

 05B5C8

FFFFFF

 009AAD

 67EDFF

 008092

 88FFFF

 006678

 A7FFFF

 004E5F

 C6FFFF

 003648

 E5FFFF

 002331

 00021D

 000000

 05B5C8

 05B5C8

■ 00B5C8

■ 19B7C8

■ 2DB9C8

■ 41BBC8

■ 55BDC8

■ 69BFC8

■ 7DC1C8

■ 91C3C8

■ A5C5C8

■ B9C7C8

Harmonies

Analogous

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



3BB6A7



05B5C8



3CB0DF

Triad

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



05B5C8



D28FC3



B7A461

Complementary

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



05B5C8



C81805

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.



D39869



05B5C8



E48AA2

Square

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



05B5C8



AD9ADC



E38E81



93AD6B

Rectangle

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



05B5C8



66AAE6



E38E81



C1A061

Sweetspot

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



05B5C8



B5F8FF



05C815



537B80



000000



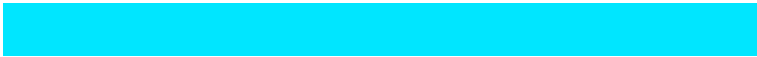
808080

Same Dimension

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



05B5C8



00E6FF



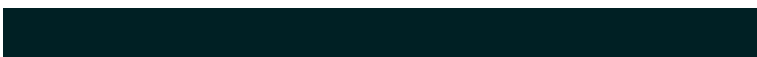
0556C8



5A6263



0093A3



002024

Inverse Universe

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



C805B5



FF00E6



C87705



635A62



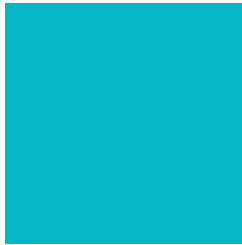
A30093



240020

Previews

White Background



This preview shows how the Hex color 05B5C8 looks on a white background.

Color Contrast Check

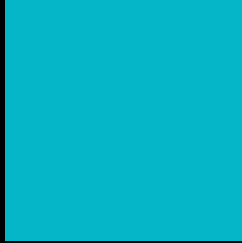
Large Text (above 18pt) WCAG AA × Fail

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 05B5C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

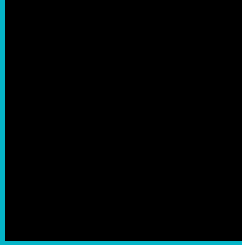
Any Text WCAG AA ✓ Pass

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 05B5C8 Background



This preview shows how black text looks on a background with the Hex color 05B5C8.



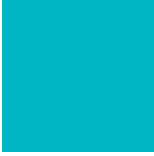
This preview shows how white text looks on a background with the Hex color 05B5C8.

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
00B5C4

Trichromacy



Original Color
05B5C8



Protanomaly
67A9C0



Deuteranomaly
66A8CB



Tritanomaly
02B5C5

Monochromacy



Original Color
05B5C8



Achromatopsia
838383



Achromatomaly
55959C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05B5C8 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 #05B5C8 looks like.

```
.text, #text, p{  
    color:#05B5C8  
}
```

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 #05B5C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05B5C8
}
```

Border

The CSS property to change the border of an element to Hex 05B5C8 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
#05B5C8 }
```

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

```
.border{ border-color:#05B5C8 }
```

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

Here you see how a box with a 4 pixel #05B5C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05B5C8; -webkit-box-shadow:4px 4px  
4px 4px #05B5C8; box-shadow:4px 4px 4px  
4px #05B5C8 }
```

Background

The CSS property to change the background color of an element to Hex 05B5C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05B5C8 }
```

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

```
.background{ background-color:#05B5C8 }
```

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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