

Converting Colors

Hex(0095D2)

Have a look what the booklet for
Hex(0095D2) contains.

Hex(0095D2)	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(0095D2)

Conversions

Conversions Part 1

Format	Color
Hex	0095D2
RGB	0, 149, 210
RGB Percent	0%, 58%, 82%
CMY	1.0000, 0.4157, 0.1765
CMYK	1.00, 0.29, 0.00, 0.18
HSL	197°, 100%, 41%
HSV	197°, 100%, 82%
XYZ	22.3803, 26.1480, 64.8403
YIQ	111.4030, -108.3850, -12.6170

Conversions

Conversions Part 2

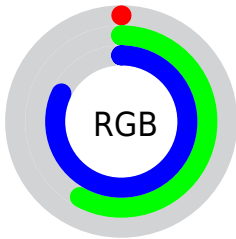
Format	Color
RYB	0, 87, 210
Decimal	38354
CIELab	58.18, -10.98, -40.37
CIELCh	58, 41.838, 254.791
Yxy	26.1480, 0.1974, 0.2306
Android (android.graphics.Color)	4278228434 (0xFF0095D2)
YUV	111.4030, 48.6083, -97.7004
Hunter-Lab	51.1351, -11.3625, -39.3862

Details

The Hex color **0095D2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D23D00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **65CBFF**, and **00629B** is the 20% darker color. If you saturate the color by 10%, you get **0095D2**, and if you desaturate by 10%, it is **159BD2**.

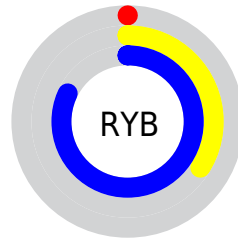
Distribution



Red (0%)

Green (58%)

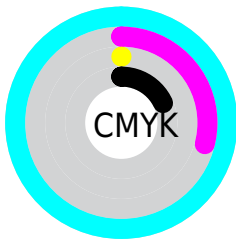
Blue (82%)



Red (0%)

Yellow (34%)

Blue (82%)

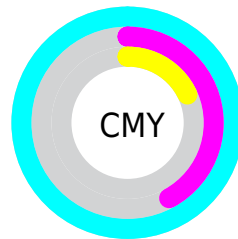


Cyan (100%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (100%)

Magenta (42%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095D2 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 0095D2 by changing the saturation by 10% instead.

 0095D2

 0095D2

FFFFFF

 007BB6

 65CBFF

 00629B

 85E7FF

 004B81

 A4FFFF

 003467

 C3FFFF

 00204F

 E2FFFF

 000538

 000221

 000007

 000000

■ 0095D2

■ 159BD2

■ 2AA1D2

■ 3FA7D2

■ 54ADD2

■ 69B4D2

■ 7EBAD2

■ 93C0D2

■ A8C6D2

■ BDCCD2

Harmonies

Analogous

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



009CBE



0095D2



7089D3

Triad

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



0095D2



D16E7B



679856

Complementary

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



0095D2



D23D00

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.



909043



0095D2



C9765A

Square

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



0095D2



C670A0



B28344



2E9D77

Rectangle

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



0095D2



9780C8



B28344



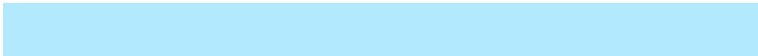
76964E

Sweetspot

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



0095D2



B3E9FF



00D23B



527280



000000



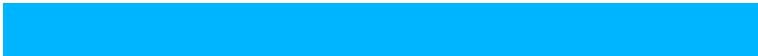
808080

Same Dimension

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



0095D2



00B5FF



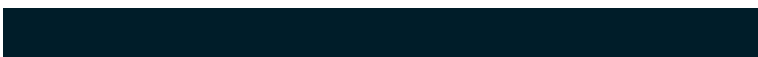
002ED2



5E6669



0077A8



001D29

Inverse Universe

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



D20095



FF00B5



D2A500



695E66



A80077



29001D

Previews

White Background



This preview shows how the Hex color 0095D2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0095D2 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 × Fail

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

Hex 0095D2 Background



This preview shows how black text looks on a background with the Hex color 0095D2.



This preview shows how white text looks on a background with the Hex color 0095D2.

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](#).

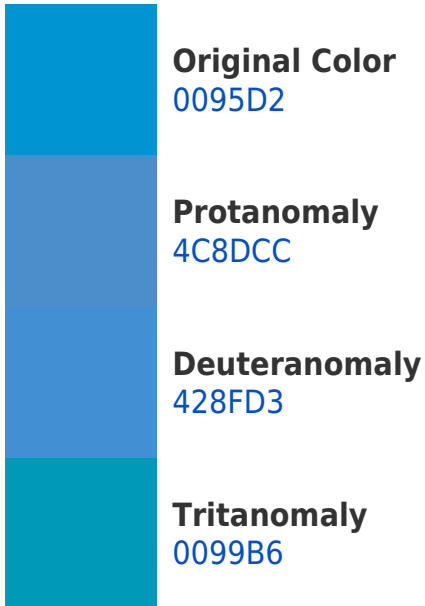
Dichromacy





Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0095D2 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 #0095D2 looks like.

```
.text, #text, p{  
    color:#0095D2  
}
```

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 #0095D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095D2
}
```

Border

The CSS property to change the border of an element to Hex 0095D2 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
#0095D2 }
```

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

```
.border{ border-color:#0095D2 }
```

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

Here you see how a box with a 4 pixel #0095D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095D2; -webkit-box-shadow:4px 4px  
4px 4px #0095D2; box-shadow:4px 4px 4px  
4px #0095D2 }
```

Background

The CSS property to change the background color of an element to Hex 0095D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095D2 }
```

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

```
.background{ background-color:#0095D2 }
```

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