

Converting Colors

Hex(009BD6)

Have a look what the booklet for
Hex(009BD6) contains.

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Color

Hex(009BD6)

Conversions

Conversions Part 1

Format	Color
Hex	009BD6
RGB	0, 155, 214
RGB Percent	0%, 61%, 84%
CMY	1.0000, 0.3922, 0.1608
CMYK	1.00, 0.28, 0.00, 0.16
HSL	197°, 100%, 42%
HSV	197°, 100%, 84%
XYZ	23.8589, 28.2977, 67.8228
YIQ	115.3810, -111.3190, -14.5110

Conversions

Conversions Part 2

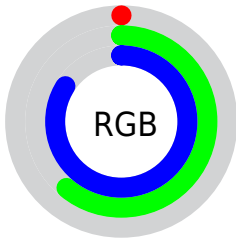
Format	Color
RYB	0, 90, 214
Decimal	39894
CIELab	60.16, -12.85, -39.50
CIELCh	60, 41.539, 251.976
Yxy	28.2977, 0.1989, 0.2359
Android (android.graphics.Color)	4278229974 (0xFF009BD6)
YUV	115.3810, 48.6192, -101.1891
Hunter-Lab	53.1956, -13.0327, -38.3561

Details

The Hex color **009BD6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D63B00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **66D1FF**, and **00689F** is the 20% darker color. If you saturate the color by 10%, you get **009BD6**, and if you desaturate by 10%, it is **15A1D6**.

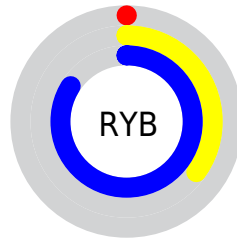
Distribution



Red (0%)

Green (61%)

Blue (84%)



Red (0%)

Yellow (35%)

Blue (84%)

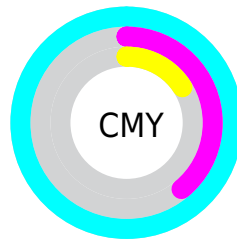


Cyan (100%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009BD6 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 009BD6 by changing the saturation by 10% instead.

 009BD6

 009BD6

FFFFFF

 0081BA

 66D1FF

 00689F

 87EEFF

 005085

 A6FFFF

 00396B

 C5FFFF

 002452

 E4FFFF

 00073B

 000225

 00010D

 000000

 009BD6

 15A1D6

 2BA7D6

 40ADD6

 56B3D6

 6BB9D6

 80BED6

 96C4D6

 ABCAD6

 C1D0D6

Harmonies

Analogous

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



00A2C1



009BD6



7090D8

Triad

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



009BD6



D77384



719D59

Complementary

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



009BD6



D63B00

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.



999447



009BD6



D07A62

Square

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



009BD6



C976A9



BA874B



3CA279

Rectangle

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



009BD6



9786CF



BA874B



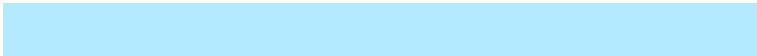
7F9A51

Sweetspot

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



009BD6



B3EAFF



00D639



527380



000000



808080

Same Dimension

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



009BD6



00B9FF



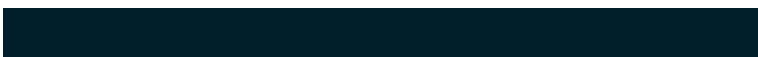
0032D6



60686B



007CAB



001F2B

Inverse Universe

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



D6009B



FF00B9



D6A400



6B6068



AB007C



2B001F

Previews

White Background



This preview shows how the Hex color 009BD6 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 009BD6 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 009BD6 Background



This preview shows how black text looks on a background with the Hex color 009BD6.



This preview shows how white text looks on a background with the Hex color 009BD6.

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
00A0AC

Trichromacy



Original Color
009BD6



Protanomaly
5093CF



Deuteranomaly
4794D8



Tritanomaly
009EBB

Monochromacy



Original Color
009BD6



Achromatopsia
737373



Achromatomaly
498297

CSS Examples

Text

The CSS property to change the color of the text to Hex 009BD6 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 #009BD6 looks like.

```
.text, #text, p{  
    color:#009BD6  
}
```

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 #009BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009BD6
}
```

Border

The CSS property to change the border of an element to Hex 009BD6 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
#009BD6 }
```

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

```
.border{ border-color:#009BD6 }
```

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

Here you see how a box with a 4 pixel #009BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009BD6; -webkit-box-shadow:4px 4px  
4px 4px #009BD6; box-shadow:4px 4px 4px  
4px #009BD6 }
```

Background

The CSS property to change the background color of an element to Hex 009BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009BD6 }
```

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

```
.background{ background-color:#009BD6 }
```

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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