

Converting Colors

Hex(008BD6)

Have a look what the booklet for
Hex(008BD6) contains.

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Color

Hex(008BD6)

Conversions

Conversions Part 1

Format	Color
Hex	008BD6
RGB	0, 139, 214
RGB Percent	0%, 55%, 84%
CMY	1.0000, 0.4549, 0.1608
CMYK	1.00, 0.35, 0.00, 0.16
HSL	201°, 100%, 42%
HSV	201°, 100%, 84%
XYZ	21.3702, 23.3203, 66.9933
YIQ	105.9890, -106.9190, -6.1430

Conversions

Conversions Part 2

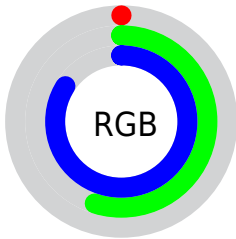
Format	Color
RYB	0, 84, 214
Decimal	35798
CIELab	55.40, -3.72, -47.00
CIELCh	55, 47.149, 265.469
Yxy	23.3203, 0.1913, 0.2088
Android (android.graphics.Color)	4278225878 (0xFF008BD6)
YUV	105.9890, 53.2494, -92.9524
Hunter-Lab	48.2911, -5.5179, -48.4481

Details

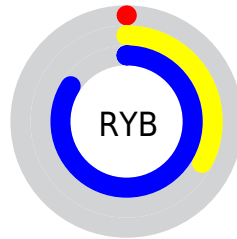
The Hex color **008BD6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D64B00**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65C0FF**, and **005A9F** is the 20% darker color. If you saturate the color by 10%, you get **008BD6**, and if you desaturate by 10%, it is **1593D6**.

Distribution



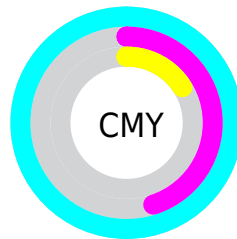
- Red (0%)
- Green (55%)
- Blue (84%)



- Red (0%)
- Yellow (33%)
- Blue (84%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BD6 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 008BD6 by changing the saturation by 10% instead.

 008BD6

 008BD6

FFFFFF

 0072BA

 65C0FF

 005A9F

 86DCFF

 004384

 A5F8FF

 002D6B

 C4FFFF

 001952

 E3FFFF

 00063A

 000224

 00000B

 000000

 008BD6

 1593D6

 2B9AD6

 40A2D6

 56A9D6

 6BB1D6

 80B8D6

 96C0D6

 ABC7D6

 C1CFD6

Harmonies

Analogous

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



0094C7



008BD6



7C7CCF

Triad

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



008BD6



CF6464



459554

Complementary

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



008BD6



D64B00

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.



798D37



008BD6



BF7142

Square

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



008BD6



CC618D



A1802F



00997D

Rectangle

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



008BD6



A271BE



A1802F



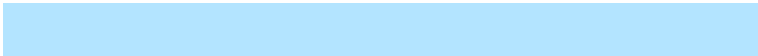
599349

Sweetspot

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



008BD6



B3E4FF



00D64B



526F80



000000



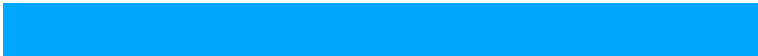
808080

Same Dimension

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



008BD6



00A6FF



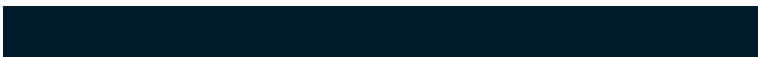
0020D6



60676B



006FAB



001C2B

Inverse Universe

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



D6008B



FF00A6



D6B600



6B6067



AB006F



2B001C

Previews

White Background



This preview shows how the Hex color 008BD6 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 008BD6 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 008BD6 Background



This preview shows how black text looks on a background with the Hex color 008BD6.

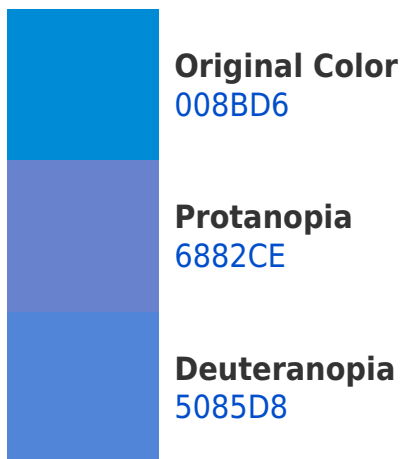


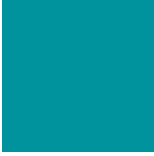
This preview shows how white text looks on a background with the Hex color 008BD6.

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
00939D

Trichromacy



Original Color
008BD6



Protanomaly
4285D1



Deuteranomaly
3387D7



Tritanomaly
0090B2

Monochromacy



Original Color
008BD6



Achromatopsia
6A6A6A



Achromatomaly
437691

CSS Examples

Text

The CSS property to change the color of the text to Hex 008BD6 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 #008BD6 looks like.

```
.text, #text, p{  
    color:#008BD6  
}
```

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 #008BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BD6
}
```

Border

The CSS property to change the border of an element to Hex 008BD6 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
#008BD6 }
```

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

```
.border{ border-color:#008BD6 }
```

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

Here you see how a box with a 4 pixel #008BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BD6; -webkit-box-shadow:4px 4px  
4px 4px #008BD6; box-shadow:4px 4px 4px  
4px #008BD6 }
```

Background

The CSS property to change the background color of an element to Hex 008BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BD6 }
```

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

```
.background{ background-color:#008BD6 }
```

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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