

# Converting Colors

Hex(0086DB)

Have a look what the booklet for  
Hex(0086DB) contains.

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**Color**

**Hex(0086DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0086DB
RGB	0, 134, 219
RGB Percent	0%, 53%, 86%
CMY	1.0000, 0.4745, 0.1412
CMYK	1.00, 0.39, 0.00, 0.14
HSL	203°, 100%, 43%
HSV	203°, 100%, 86%
XYZ	21.3113, 22.1647, 70.1728
YIQ	103.6240, -107.1490, -1.9730

# Conversions

## Conversions Part 2

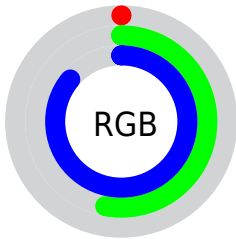
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 83, 219</a>
Decimal	<a href="#">34523</a>
<a href="#">CIELab</a>	<a href="#">54.20, 1.17, -51.72</a>
<a href="#">CIElCh</a>	<a href="#">54, 51.732, 271.291</a>
<a href="#">Yxy</a>	<a href="#">22.1647, 0.1875, 0.1950</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4278224603 (0xFF0086DB)</a>
<a href="#">YUV</a>	<a href="#">103.6240, 56.8804, -90.8782</a>
<a href="#">Hunter-Lab</a>	<a href="#">47.0794, -1.5878, -55.4175</a>

# Details

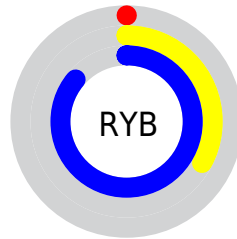
The Hex color **0086DB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DB5500**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **67BBFF**, and **0055A3** is the 20% darker color. If you saturate the color by 10%, you get **0086DB**, and if you desaturate by 10%, it is **168FDB**.

# Distribution



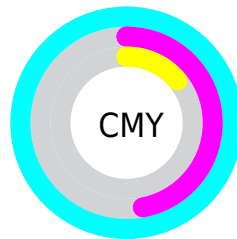
- Red (0%)
- Green (53%)
- Blue (86%)



- Red (0%)
- Yellow (33%)
- Blue (86%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (47%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0086DB 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 0086DB by changing the saturation by 10% instead.



 0086DB

 0086DB

FFFFFF

 006DBF

 67BBFF

 0055A3

 87D6FF

 003F89

 A7F3FF

 002A6F

 C5FFFF

 001656

 E4FFFF

 00063E

 000327

 000110

 000000

 0086DB

 168FDB

 2C97DB

 42A0DB

 58A8DB

 6EB1DB

 83B9DB

 99C2DB

 AFCADB

 C5D3DB

# Harmonies

## Analogous

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



0091CF



0086DB



8575CE

# Triad

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



0086DB



D05F56



259455

# Complementary

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



0086DB



DB5500

# 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.



6A8C2F



0086DB



BB6F32

# Square

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



0086DB



D15882



978020



009782

# Rectangle

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



0086DB



AB68BA



978020



439247

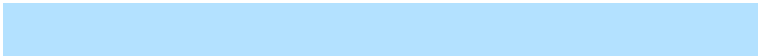


# Sweetspot

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



0086DB



B3E1FF



00DB54



526E80



000000



808080



# Same Dimension

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



0086DB



009CFF



001ADB



63696E



006AAD



001C2E



# Inverse Universe

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



DB0086



FF009C



DBC100



6E6369



AD006A



2E001C



# Previews

## White Background



This preview shows how the Hex color 0086DB 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 0086DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

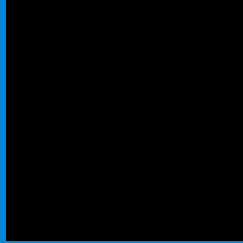
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0086DB Background



This preview shows how black text looks on a background with the Hex color 0086DB.

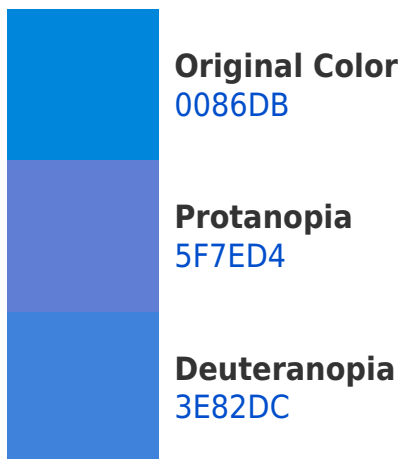


This preview shows how white text looks on a background with the Hex color 0086DB.

# 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](#).

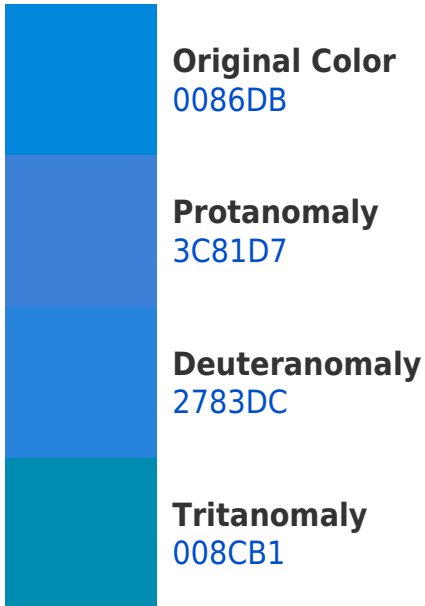
## Dichromacy





**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0086DB 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 #0086DB looks like.

```
.text, #text, p{  
    color:#0086DB  
}
```

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 #0086DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086DB
}
```

## Border

The CSS property to change the border of an element to Hex 0086DB 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
#0086DB }
```

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

```
.border{ border-color:#0086DB }
```

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

Here you see how a box with a 4 pixel #0086DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086DB; -webkit-box-shadow:4px 4px  
4px 4px #0086DB; box-shadow:4px 4px 4px  
4px #0086DB }
```

# Background

The CSS property to change the background color of an element to Hex 0086DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086DB }
```

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

```
.background{ background-color:#0086DB }
```

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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