

Converting Colors

Hex(0090D8)

Have a look what the booklet for
Hex(0090D8) contains.

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Color

Hex(0090D8)

Conversions

Conversions Part 1

Format	Color
Hex	0090D8
RGB	0, 144, 216
RGB Percent	0%, 56%, 85%
CMY	1.0000, 0.4353, 0.1529
CMYK	1.00, 0.33, 0.00, 0.15
HSL	200°, 100%, 42%
HSV	200°, 100%, 85%
XYZ	22.3679, 24.9044, 68.5939
YIQ	109.1520, -108.9360, -8.1360

Conversions

Conversions Part 2

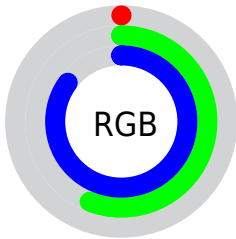
Format	Color
R _Y B	0, 86, 216
Decimal	37080
CIE Lab	56.98, -5.88, -45.62
CIE LCh	57, 45.997, 262.654
Yxy	24.9044, 0.1930, 0.2149
Android (android.graphics.Color)	4278227160 (0xFF0090D8)
YUV	109.1520, 52.6761, -95.7263
Hunter-Lab	49.9043, -7.3259, -46.5616

Details

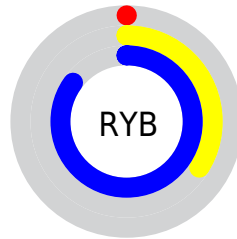
The Hex color **0090D8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D84800**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **66C6FF**, and **005EA1** is the 20% darker color. If you saturate the color by 10%, you get **0090D8**, and if you desaturate by 10%, it is **1697D8**.

Distribution



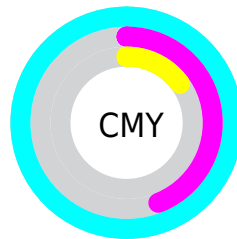
- Red (0%)
- Green (56%)
- Blue (85%)



- Red (0%)
- Yellow (34%)
- Blue (85%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090D8 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 0090D8 by changing the saturation by 10% instead.

 0090D8

 0090D8

FFFFFF

 0077BC

 66C6FF

 005EA1

 87E1FF

 004786

 A6FEFF

 00316C

 C5FFFF

 001D54

 E4FFFF

 00063C

 000225

 00010E

 000000

■ 0090D8

■ 1697D8

■ 2B9ED8

■ 41A6D8

■ 56ADD8

■ 6CB4D8

■ 82BBD8

■ 97C2D8

■ ADCAD8

■ C2D1D8

Harmonies

Analogous

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



0099C8



0090D8



7B82D3

Triad

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



0090D8



D3686C



519856

Complementary

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



0090D8



D84800

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.



82903B



0090D8



C5744A

Square

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



0090D8



CD6794



A88336



009C7D

Rectangle

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



0090D8



A277C4



A88336



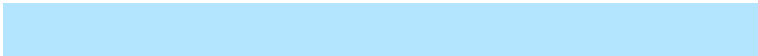
63964B

Sweetspot

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



0090D8



B3E5FF



00D848



527080



000000



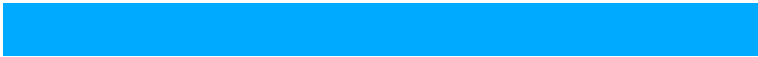
808080

Same Dimension

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



0090D8



00AAFF



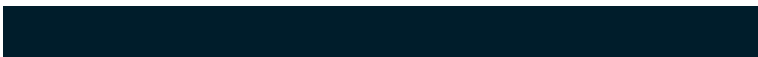
0024D8



60686B



0072AB



001D2B

Inverse Universe

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



D80090



FF00AA



D8B400



6B6068



AB0072



2B001D

Previews

White Background



This preview shows how the Hex color 0090D8 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 0090D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

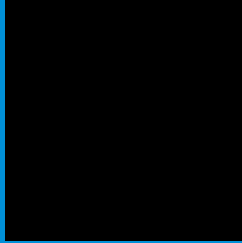
Any Text WCAG AA ✓ Pass

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 0090D8 Background



This preview shows how black text looks on a background with the Hex color 0090D8.

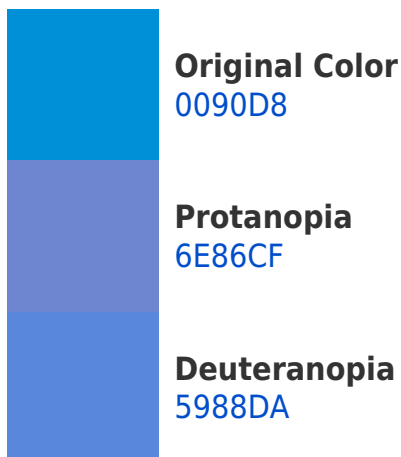


This preview shows how white text looks on a background with the Hex color 0090D8.

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
0097A2

Trichromacy



Original Color
0090D8



Protanomaly
468AD2



Deuteranomaly
398BD9



Tritanomaly
0094B6

Monochromacy



Original Color
0090D8



Achromatopsia
6D6D6D



Achromatomaly
457A94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090D8 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 #0090D8 looks like.

```
.text, #text, p{  
    color:#0090D8  
}
```

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 #0090D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090D8
}
```

Border

The CSS property to change the border of an element to Hex 0090D8 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
#0090D8 }
```

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

```
.border{ border-color:#0090D8 }
```

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

Here you see how a box with a 4 pixel #0090D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090D8; -webkit-box-shadow:4px 4px  
4px 4px #0090D8; box-shadow:4px 4px 4px  
4px #0090D8 }
```

Background

The CSS property to change the background color of an element to Hex 0090D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090D8 }
```

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

```
.background{ background-color:#0090D8 }
```

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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