

Converting Colors

Hex(0389D4)

Have a look what the booklet for
Hex(0389D4) contains.

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Color

Hex(0389D4)

Conversions

Conversions Part 1

Format	Color
Hex	0389D4
RGB	3, 137, 212
RGB Percent	1%, 54%, 83%
CMY	0.9882, 0.4627, 0.1686
CMYK	0.99, 0.35, 0.00, 0.17
HSL	202°, 97%, 42%
HSV	202°, 99%, 83%
XYZ	20.8669, 22.6641, 65.5622
YIQ	105.4840, -103.9390, -5.0830

Conversions

Conversions Part 2

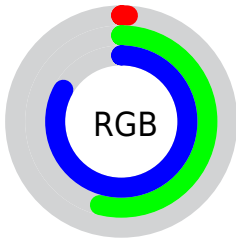
Format	Color
R _Y B	3, 85, 212
Decimal	231892
CIE Lab	54.72, -3.22, -46.95
CIE LCh	55, 47.057, 266.081
Yxy	22.6641, 0.1913, 0.2078
Android (android.graphics.Color)	4278421972 (0xFF0389D4)
YUV	105.4840, 52.5124, -89.8785
Hunter-Lab	47.6069, -5.0725, -48.3269

Details

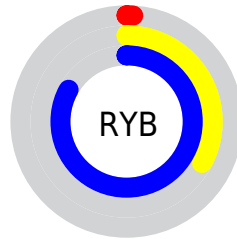
The Hex color **0389D4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D44E03**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **65BEFF**, and **00589D** is the 20% darker color. If you saturate the color by 10%, you get **0088D4**, and if you desaturate by 10%, it is **1891D4**.

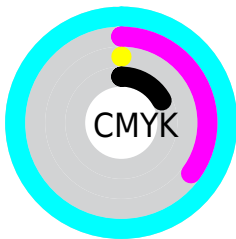
Distribution



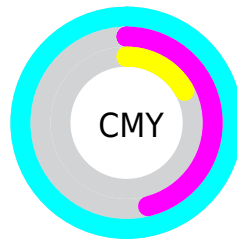
- Red (1%)
- Green (54%)
- Blue (83%)



- Red (1%)
- Yellow (33%)
- Blue (83%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0389D4 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 0389D4 by changing the saturation by 10% instead.

0389D4

0389D4

FFFFFF

0070B8

65BEFF

00589D

86DAFF

004182

A5F6FF

002B69

C3FFFF

001850

E2FFFF

000539

000222

000008

000000

■ 0389D4

■ 0389D4

■ 0088D4

■ 1891D4

■ 2D98D4

■ 43A0D4

■ 58A7D4

■ 6DAFD4

■ 82B7D4

■ 97BED4

■ ADC6D4

■ C2CDD4

Harmonies

Analogous

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



0092C6



0389D4



7C7ACC

Triad

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



0389D4



CD6261



429354

Complementary

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



0389D4



D44E03

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.



768B35



0389D4



BD7040

Square

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



0389D4



CA5F8A



9E7F2E



00977C

Rectangle

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



0389D4



A16FBC



9E7F2E



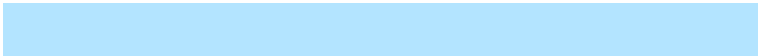
569148

Sweetspot

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



0389D4



B3E4FF



03D44C



526F80



000000



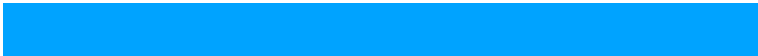
808080

Same Dimension

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



0389D4



00A3FF



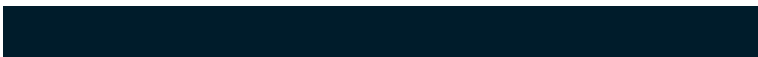
0322D4



60676B



006EAB



001C2B

Inverse Universe

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



D40389



FF00A3



D4B503



6B6067



AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 0389D4 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 0389D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

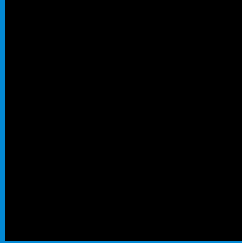
Any Text WCAG AA ✓ Pass

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 0389D4 Background



This preview shows how black text looks on a background with the Hex color 0389D4.



This preview shows how white text looks on a background with the Hex color 0389D4.

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
00919B

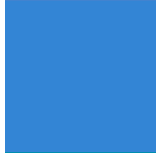
Trichromacy



Original Color
0389D4



Protanomaly
4283CF



Deuteranomaly
3385D5



Tritanomaly
018EB0

Monochromacy



Original Color
0389D4



Achromatopsia
696969



Achromatomaly
447590

CSS Examples

Text

The CSS property to change the color of the text to Hex 0389D4 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 #0389D4 looks like.

```
.text, #text, p{  
    color:#0389D4  
}
```

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 #0389D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0389D4
}
```

Border

The CSS property to change the border of an element to Hex 0389D4 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
#0389D4 }
```

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

```
.border{ border-color:#0389D4 }
```

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

Here you see how a box with a 4 pixel #0389D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0389D4; -webkit-box-shadow:4px 4px  
4px 4px #0389D4; box-shadow:4px 4px 4px  
4px #0389D4 }
```

Background

The CSS property to change the background color of an element to Hex 0389D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0389D4 }
```

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

```
.background{ background-color:#0389D4 }
```

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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