

Converting Colors

Hex(0F89DA)

Have a look what the booklet for
Hex(0F89DA) contains.

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Color

Hex(0F89DA)

Conversions

Conversions Part 1

Format	Color
Hex	0F89DA
RGB	15, 137, 218
RGB Percent	6%, 54%, 85%
CMY	0.9412, 0.4627, 0.1451
CMYK	0.93, 0.37, 0.00, 0.15
HSL	204°, 87%, 46%
HSV	204°, 93%, 85%
XYZ	21.7976, 23.0548, 69.6308
YIQ	109.7560, -98.7130, -0.6730

Conversions

Conversions Part 2

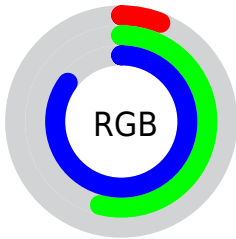
Format	Color
R_{YB}	15, 91, 218
Decimal	1018330
CIE _{Lab}	55.13, -0.54, -49.67
CIE _{LCh}	55, 49.677, 269.378
Yxy	23.0548, 0.1904, 0.2014
Android (android.graphics.Color)	4279208410 (0xFF0F89DA)
YUV	109.7560, 53.3643, -83.1010
Hunter-Lab	48.0154, -2.9935, -52.3701

Details

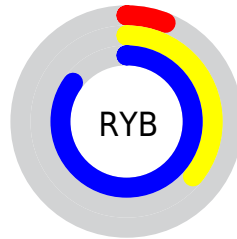
The Hex color **0F89DA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DA600F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **69BEFF**, and **0058A2** is the 20% darker color. If you saturate the color by 10%, you get **0083DA**, and if you desaturate by 10%, it is **2592DA**.

Distribution



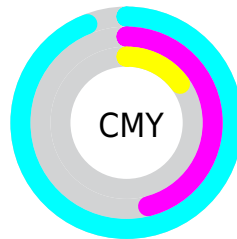
- Red (6%)
- Green (54%)
- Blue (85%)



- Red (6%)
- Yellow (36%)
- Blue (85%)



- Cyan (93%)
- Magenta (37%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (46%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F89DA 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 0F89DA by changing the saturation by 10% instead.

 0F89DA

 0F89DA

FFFFFF

 0070BE

 69BEFF

 0058A2

 89DAFF

 004188

 A9F6FF

 002C6E

 C7FFFF

 001855

 E6FFFF

 00063D

 000326

 000110

 000000

■ 0F89DA

■ 0F89DA

■ 0083DA

■ 2592DA

■ 3B9ADA

■ 50A3DA

■ 66ACDA

■ 7CB4DA

■ 92BD DA

■ A8C6DA

■ BDCFDA

■ D3D7DA

Harmonies

Analogous

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



0094CD



0F89DA



8479CF

Triad

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



0F89DA



D1625C



359556

Complementary

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



0F89DA



DA600F

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.



718E34



0F89DA



BD713A

Square

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



0F89DA



D05D87



9C8128



009982

Rectangle

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



0F89DA



A96DBC



9C8128



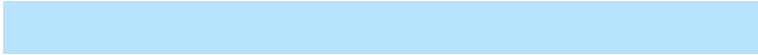
4D9349

Sweetspot

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



0F89DA



B8E3FF



0FDA5D



546E80



000000



808080

Same Dimension

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



0F89DA



0099FF



0F27DA



63696E



0068AD



001C2E

Inverse Universe

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



DA0F89



FF0099



DAC20F



6E6369



AD0068



2E001C

Previews

White Background



This preview shows how the Hex color 0F89DA 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 0F89DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

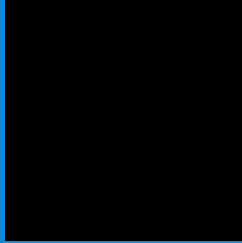
Any Text WCAG AA ✓ Pass

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 0F89DA Background



This preview shows how black text looks on a background with the Hex color 0F89DA.

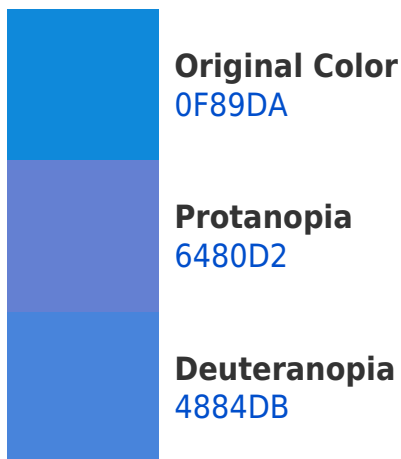


This preview shows how white text looks on a background with the Hex color 0F89DA.

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](#).

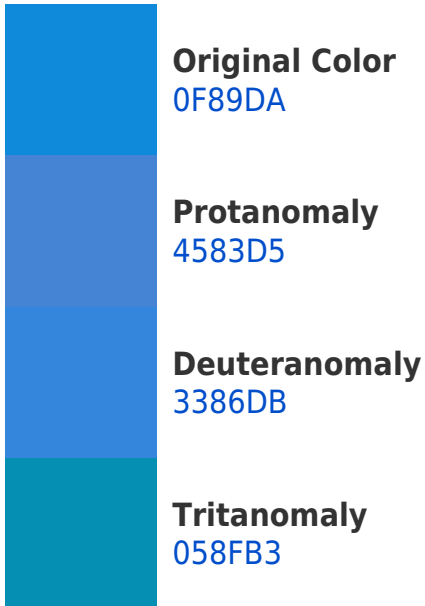
Dichromacy



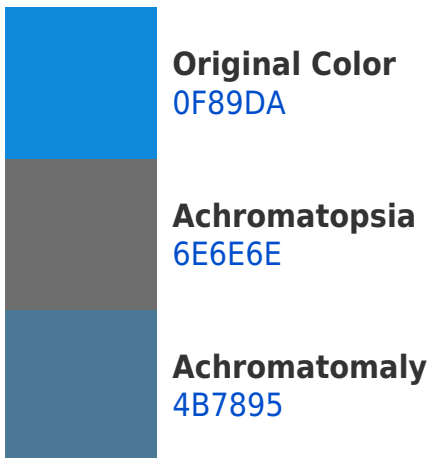


Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F89DA 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 #0F89DA looks like.

```
.text, #text, p{  
    color:#0F89DA  
}
```

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 #0F89DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F89DA
}
```

Border

The CSS property to change the border of an element to Hex 0F89DA 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
#0F89DA }
```

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

```
.border{ border-color:#0F89DA }
```

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

Here you see how a box with a 4 pixel #0F89DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F89DA; -webkit-box-shadow:4px 4px  
4px 4px #0F89DA; box-shadow:4px 4px 4px  
4px #0F89DA }
```

Background

The CSS property to change the background color of an element to Hex 0F89DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F89DA }
```

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

```
.background{ background-color:#0F89DA }
```

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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