

Converting Colors

Hex(0D59AB)

Have a look what the booklet for
Hex(0D59AB) contains.

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Color

Hex(0D59AB)

Conversions

Conversions Part 1

Format	Color
Hex	0D59AB
RGB	13, 89, 171
RGB Percent	5%, 35%, 67%
CMY	0.9490, 0.6510, 0.3294
CMYK	0.92, 0.48, 0.00, 0.33
HSL	211°, 86%, 36%
HSV	211°, 92%, 67%
XYZ	11.0890, 10.1706, 39.9067
YIQ	75.6240, -71.6180, 9.3900

Conversions

Conversions Part 2

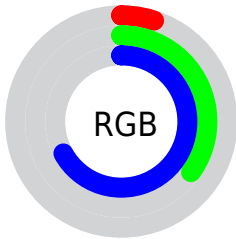
Format	Color
RYB	13, 64, 171
Decimal	874923
CIELab	38.15, 10.93, -49.77
CIElCh	38, 50.957, 282.381
Yxy	10.1706, 0.1813, 0.1663
Android (android.graphics.Color)	4279065003 (0xFF0D59AB)
YUV	75.6240, 47.0204, -54.9212
Hunter-Lab	31.8914, 6.2569, -51.8676

Details

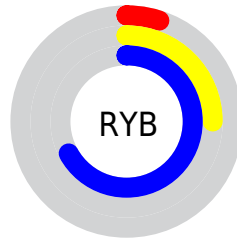
The Hex color **0D59AB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AB5F0D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5C8AE3**, and **002D76** is the 20% darker color. If you saturate the color by 10%, you get **0052AB**, and if you desaturate by 10%, it is **1E62AB**.

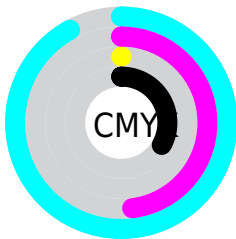
Distribution



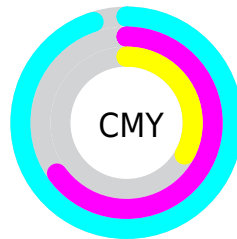
- Red (5%)
- Green (35%)
- Blue (67%)



- Red (5%)
- Yellow (25%)
- Blue (67%)



- Cyan (92%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D59AB 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 0D59AB by changing the saturation by 10% instead.

0D59AB

0D59AB

FFFFFF

004290

5C8AE3

002D76

7BA4FF

001A5D

98BFFF

000545

B5DBFF

00032D

D3F8FF

000118

F1FFFF

000000

0D59AB

0D59AB

0052AB

1E62AB

■ 2F6BAB

■ 4074AB

■ 517CAB

■ 6285AB

■ 748EAB

■ 8597AB

■ 96A0AB

■ A7A9AB

Harmonies

Analogous

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



0065A9



0D59AB



714697

Triad

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



0D59AB



993C24



006B3F

Complementary

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



0D59AB



AB5F0D

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.



2D6615



0D59AB



804F00

Square

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



0D59AB



A32D4B



5D5D00



006D6A

Rectangle

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



0D59AB



8D3981



5D5D00



006A31

Sweetspot

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



0D59AB



A0BEDE



0DAB5F



4A5C70



F0F0F0



707070

Same Dimension

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



0D59AB



006BDE



100DAB



4E5257



004896



000B17

Inverse Universe

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



AB0D59



DE006B



A8AB0D



574E52



960048



17000B

Previews

White Background



This preview shows how the Hex color 0D59AB looks on a white background.

Color Contrast Check

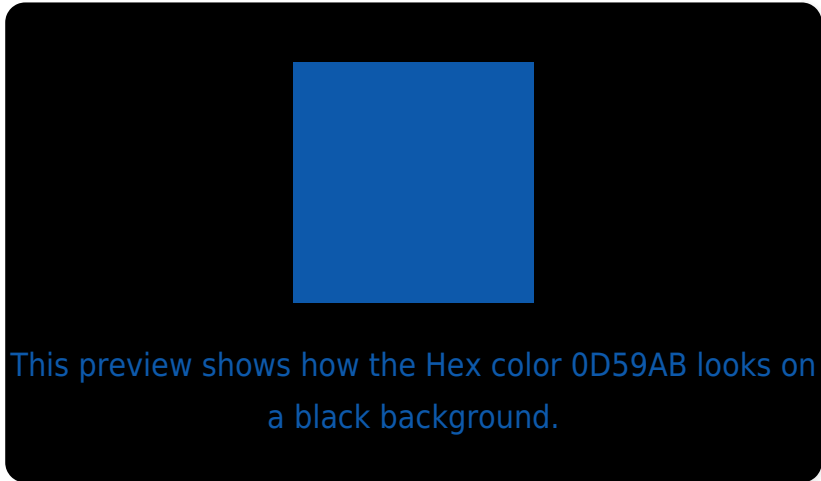
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 0D59AB Background



This preview shows how black text looks on a background with the Hex color 0D59AB.

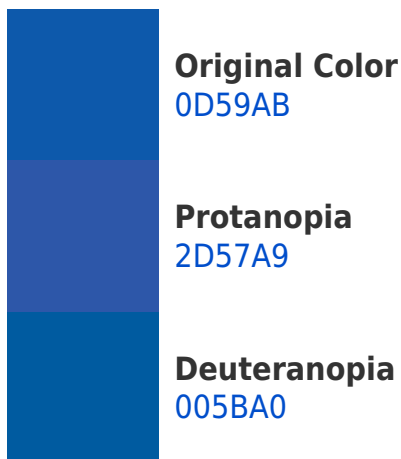


This preview shows how white text looks on a background with the Hex color 0D59AB.

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
00646A

Trichromacy



Original Color
0D59AB

Protanomaly
2158AA

Deuteranomaly
055AA4

Tritanomaly
056082

Monochromacy



Original Color
0D59AB

Achromatopsia
4C4C4C

Achromatomaly
35516F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D59AB 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 #0D59AB looks like.

```
.text, #text, p{  
    color:#0D59AB  
}
```

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 #0D59AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D59AB
}
```

Border

The CSS property to change the border of an element to Hex 0D59AB 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
#0D59AB }
```

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

```
.border{ border-color:#0D59AB }
```

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

Here you see how a box with a 4 pixel #0D59AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D59AB; -webkit-box-shadow:4px 4px  
4px 4px #0D59AB; box-shadow:4px 4px 4px  
4px #0D59AB }
```

Background

The CSS property to change the background color of an element to Hex 0D59AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D59AB }
```

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

```
.background{ background-color:#0D59AB }
```

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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