

Converting Colors

Hex(0A5EDA)

Have a look what the booklet for
Hex(0A5EDA) contains.

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Color

Hex(0A5EDA)

Conversions

Conversions Part 1

Format	Color
Hex	0A5EDA
RGB	10, 94, 218
RGB Percent	4%, 37%, 85%
CMY	0.9608, 0.6314, 0.1451
CMYK	0.95, 0.57, 0.00, 0.15
HSL	216°, 91%, 45%
HSV	216°, 95%, 85%
XYZ	16.7828, 13.1319, 67.9798
YIQ	83.0200, -89.8680, 20.7560

Conversions

Conversions Part 2

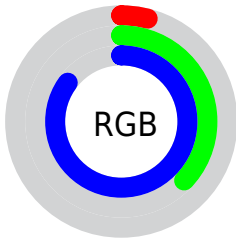
Format	Color
RYB	10, 70, 218
Decimal	679642
CIELab	42.96, 26.36, -69.28
CIELCh	43, 74.127, 290.834
Yxy	13.1319, 0.1714, 0.1341
Android (android.graphics.Color)	4278869722 (0xFF0A5EDA)
YUV	83.0200, 66.5451, -64.0385
Hunter-Lab	36.2380, 19.2517, -85.8573

Details

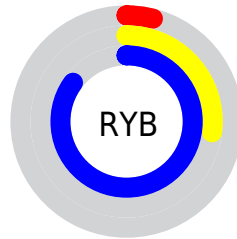
The Hex color **0A5EDA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **DA860A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6990FF**, and **0032A2** is the 20% darker color. If you saturate the color by 10%, you get **0058DA**, and if you desaturate by 10%, it is **206BDA**.

Distribution



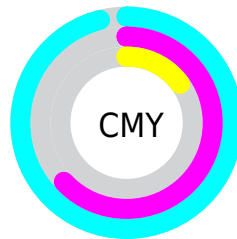
- Red (4%)
- Green (37%)
- Blue (85%)



- Red (4%)
- Yellow (27%)
- Blue (85%)



- Cyan (95%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (63%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5EDA 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 0A5EDA by changing the saturation by 10% instead.

 0A5EDA

 0A5EDA

FFFFFF

 0047BE

 6990FF

 0032A2

 8AAAFF

 001E87

 A9C5FF

 00096D

 C8E1FF

 000B53

 E7FDFF

 00063B

 000225

 00010D

 000000

■ 0A5EDA

■ 0A5EDA

■ 0058DA

■ 206BDA

■ 3678DA

■ 4B85DA

■ 6192DA

■ 779FDA

■ 8DACDA

■ A3B9DA

■ B8C6DA

■ CED3DA

Harmonies

Analogous

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



0073E0



0A5EDA



9A3AB4

Triad

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



0A5EDA



B53D00



007D50

Complementary

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



0A5EDA



DA860A

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.



007901



0A5EDA



8C5C00

Square

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



0A5EDA



CC003F



546F00



007F90

Rectangle

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



0A5EDA



BC138F



546F00



007C3A

Sweetspot

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



0A5EDA



B5D3FF



0ADA83



536580



000000



808080

Same Dimension

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



0A5EDA



0067FF



1B0ADA



63676E



0046AD



00132E

Inverse Universe

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



DA0A5E



FF0067



C9DA0A



6E6367



AD0046



2E0013

Previews

White Background



This preview shows how the Hex color 0A5EDA looks on a white background.

Color Contrast Check

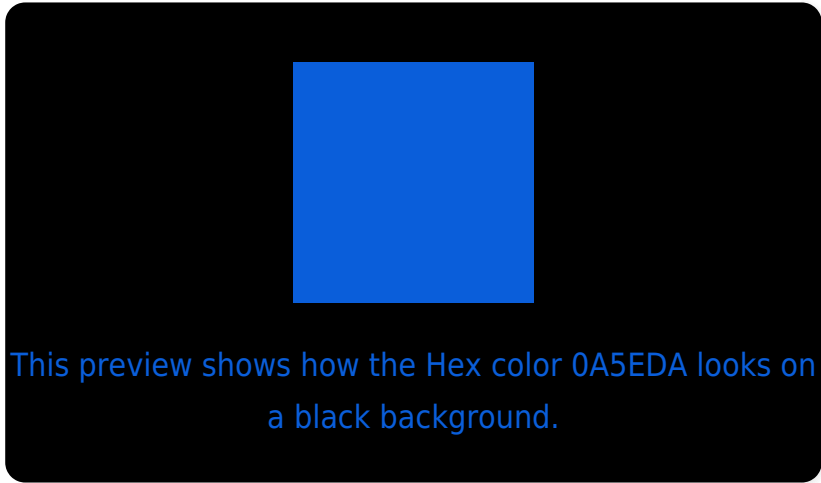
Large Text (above 18pt) WCAG AA ✓ Pass

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

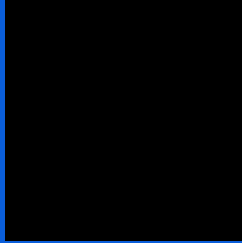
Any Text WCAG AA × Fail

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 0A5EDA Background



This preview shows how black text looks on a background with the Hex color 0A5EDA.



This preview shows how white text looks on a background with the Hex color 0A5EDA.

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





Trichromacy



Original Color
0A5EDA

Protanomaly
0460D2

Deuteranomaly
0464C0

Tritanomaly
04699B

Monochromacy



Original Color
0A5EDA

Achromatopsia
535353

Achromatomaly
385784

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5EDA 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 #0A5EDA looks like.

```
.text, #text, p{  
    color:#0A5EDA  
}
```

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 #0A5EDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5EDA
}
```

Border

The CSS property to change the border of an element to Hex 0A5EDA 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
#0A5EDA }
```

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

```
.border{ border-color:#0A5EDA }
```

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

Here you see how a box with a 4 pixel #0A5EDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5EDA; -webkit-box-shadow:4px 4px  
4px 4px #0A5EDA; box-shadow:4px 4px 4px  
4px #0A5EDA }
```

Background

The CSS property to change the background color of an element to Hex 0A5EDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5EDA }
```

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

```
.background{ background-color:#0A5EDA }
```

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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