

Converting Colors

Hex(0A4FAE)

Have a look what the booklet for
Hex(0A4FAE) contains.

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Color

Hex(0A4FAE)

Conversions

Conversions Part 1

Format	Color
Hex	0A4FAE
RGB	10, 79, 174
RGB Percent	4%, 31%, 68%
CMY	0.9608, 0.6902, 0.3176
CMYK	0.94, 0.55, 0.00, 0.32
HSL	215°, 89%, 36%
HSV	215°, 94%, 68%
XYZ	10.5611, 8.7125, 41.1694
YIQ	69.1990, -71.6190, 14.9170

Conversions

Conversions Part 2

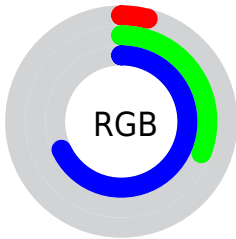
Format	Color
RYB	10, 59, 174
Decimal	675758
CIELab	35.42, 18.72, -55.96
CIElCh	35, 59.007, 288.496
Yxy	8.7125, 0.1747, 0.1441
Android (android.graphics.Color)	4278865838 (0xFF0A4FAE)
YUV	69.1990, 51.6669, -51.9175
Hunter-Lab	29.5169, 12.2126, -62.0343

Details

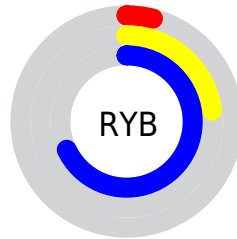
The Hex color **0A4FAE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AE690A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5D7FE6**, and **002479** is the 20% darker color. If you saturate the color by 10%, you get **0049AE**, and if you desaturate by 10%, it is **1B59AE**.

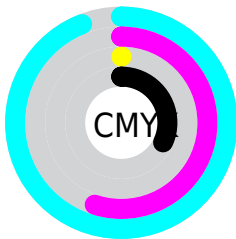
Distribution



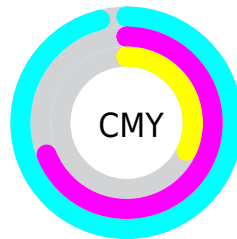
- Red (4%)
- Green (31%)
- Blue (68%)



- Red (4%)
- Yellow (23%)
- Blue (68%)



- Cyan (94%)
- Magenta (55%)
- Yellow (0%)
- Black (32%)



- Cyan (96%)
- Magenta (69%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4FAE 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 0A4FAE by changing the saturation by 10% instead.

■ 0A4FAE

■ 0A4FAE

FFFFFF

■ 003993

■ 5D7FE6

■ 002479

■ 7B99FF

■ 00115F

■ 99B4FF

■ 000847

■ B7CFFF

■ 00042F

■ D5EBFF

■ 00011A

■ F3FFFF

■ 000000

■ 0A4FAE

■ 0A4FAE

■ 0049AE

■ 1B59AE

■ 2D63AE

■ 3E6DAE

■ 5077AE

■ 6181AE

■ 728BAE

■ 8496AE

■ 95A0AE

■ A7AAAE

Harmonies

Analogous

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



005EB1



0A4FAE



783693

Triad

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



0A4FAE



943308



00663F

Complementary

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



0A4FAE



AE690A

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.



006207



0A4FAE



754B00

Square

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



0A4FAE



A41539



4B5A00



006770

Rectangle

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



0A4FAE



942177



4B5A00



00652E

Sweetspot

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



0A4FAE



A3BEE3



0AAE67



4C5C73



F2F2F2



737373

Same Dimension

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



0A4FAE



005FE3



150AAE



4E5257



003F96



000A17

Inverse Universe

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



AE0A4F



E3005F



A3AE0A



574E52



96003F



17000A

Previews

White Background



This preview shows how the Hex color 0A4FAE looks on a white background.

Color Contrast Check

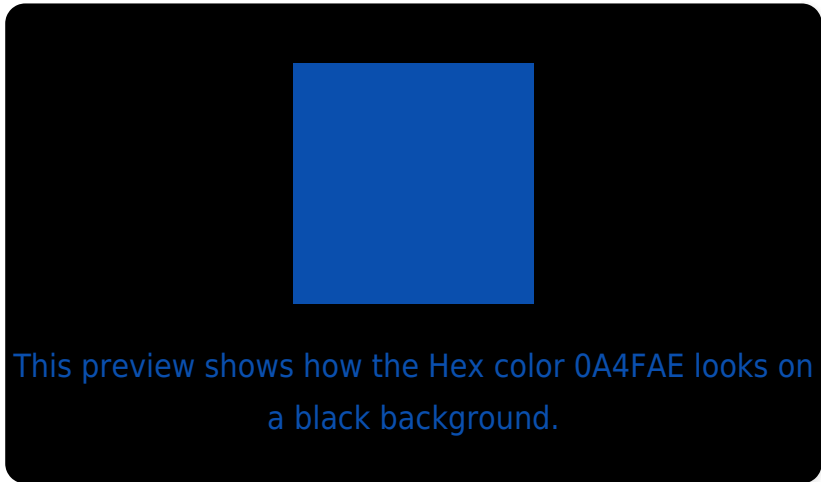
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

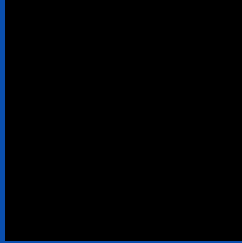
Any Text WCAG AA × Fail

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 0A4FAE Background



This preview shows how black text looks on a background with the Hex color 0A4FAE.



This preview shows how white text looks on a background with the Hex color 0A4FAE.

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



Original Color

0A4FAE

Protanopia

0050AA

Deuteranopia

005593



Tritanopia
005C62

Trichromacy



Original Color
0A4FAE

Protanomaly
0450AB

Deuteranomaly
04539D

Tritanomaly
04577E

Monochromacy



Original Color
0A4FAE

Achromatopsia
454545

Achromatomaly
30496B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4FAE 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 #0A4FAE looks like.

```
.text, #text, p{  
    color:#0A4FAE  
}
```

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 #0A4FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4FAE
}
```

Border

The CSS property to change the border of an element to Hex 0A4FAE 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
#0A4FAE }
```

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

```
.border{ border-color:#0A4FAE }
```

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

Here you see how a box with a 4 pixel #0A4FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4FAE; -webkit-box-shadow:4px 4px  
4px 4px #0A4FAE; box-shadow:4px 4px 4px  
4px #0A4FAE }
```

Background

The CSS property to change the background color of an element to Hex 0A4FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4FAE }
```

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

```
.background{ background-color:#0A4FAE }
```

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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