

Converting Colors

Hex(0A45C5)

Have a look what the booklet for
Hex(0A45C5) contains.

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Color

Hex(0A45C5)

Conversions

Conversions Part 1

Format	Color
Hex	0A45C5
RGB	10, 69, 197
RGB Percent	4%, 27%, 77%
CMY	0.9608, 0.7294, 0.2275
CMYK	0.95, 0.65, 0.00, 0.23
HSL	221°, 90%, 41%
HSV	221°, 95%, 77%
XYZ	12.3313, 8.3520, 53.7855
YIQ	65.9510, -76.2520, 27.3000

Conversions

Conversions Part 2

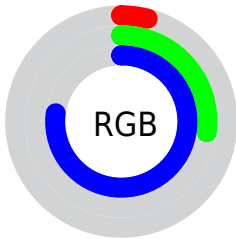
Format	Color
R_{YB}	10, 55, 197
Decimal	673221
CIE _{Lab}	34.71, 34.56, -70.68
CIE _{LCh}	35, 78.675, 296.060
Yxy	8.3520, 0.1656, 0.1122
Android (android.graphics.Color)	4278863301 (0xFF0A45C5)
YUV	65.9510, 64.6072, -49.0690
Hunter-Lab	28.8998, 25.5900, -90.1148

Details

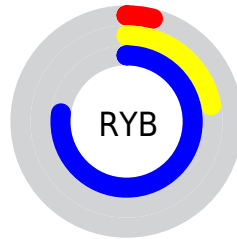
The Hex color **0A45C5** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C58A0A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6575FF**, and **001B8E** is the 20% darker color. If you saturate the color by 10%, you get **003EC5**, and if you desaturate by 10%, it is **1E52C5**.

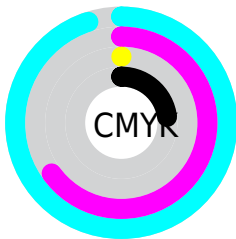
Distribution



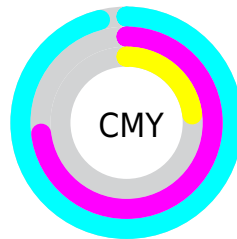
- Red (4%)
- Green (27%)
- Blue (77%)



- Red (4%)
- Yellow (22%)
- Blue (77%)



- Cyan (95%)
- Magenta (65%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (73%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A45C5 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 0A45C5 by changing the saturation by 10% instead.

■ 0A45C5

■ 0A45C5

FFFFFF

■ 002FA9

■ 6575FF

■ 001B8E

■ 858EFF

■ 000973

■ A4A9FF

■ 00045A

■ C2C4FF

■ 000741

■ E1E0FF

■ 00032A

■ FFFCFF

■ 000115

■ 000000

■ 0A45C5

■ 0A45C5

■ 003EC5

■ 1E52C5

■ 3160C5

■ 456DC5

■ 597BC5

■ 6D88C5

■ 8096C5

■ 94A3C5

■ A8B1C5

■ BBEC5

Harmonies

Analogous

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



005ED2



0A45C5



910399

Triad

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



0A45C5



992A00



006847

Complementary

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



0A45C5



C58A0A

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.



006500



0A45C5



6B4D00

Square

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



0A45C5



B40020



2C5E00



006A88

Rectangle

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



0A45C5



AE0072



2C5E00



006831

Sweetspot

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



0A45C5



B8CEFF



0AC58A



546280



000000



808080

Same Dimension

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



0A45C5



0050FF



2C0AC5



5A5D63



0033A3



000B24

Inverse Universe

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



C50A45



FF0050



A3C50A



635A5D



A30033



24000B

Previews

White Background



This preview shows how the Hex color 0A45C5 looks on a white background.

Color Contrast Check

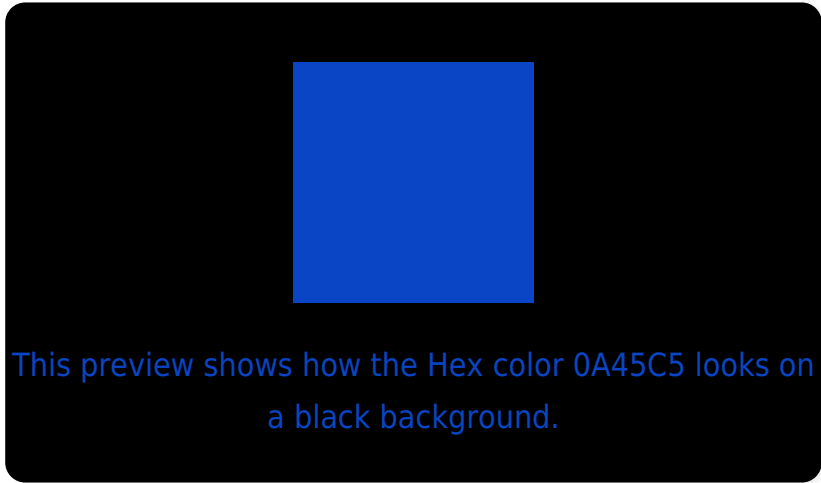
Large Text (above 18pt) WCAG AA ✓ Pass

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

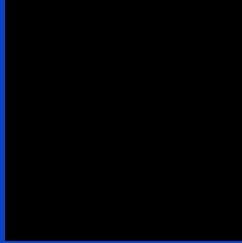
Any Text WCAG AA × Fail

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 0A45C5 Background



This preview shows how black text looks on a background with the Hex color 0A45C5.

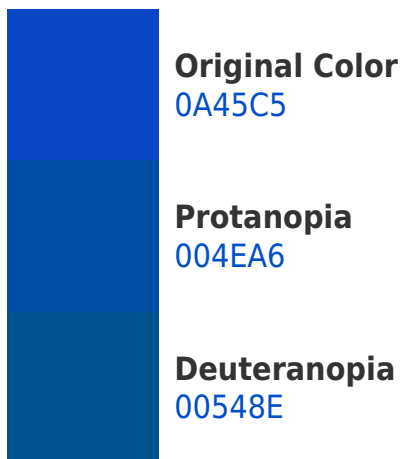


This preview shows how white text looks on a background with the Hex color 0A45C5.

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
005A5F

Trichromacy



Original Color

0A45C5

Protanomaly

044BB1

Deuteranomaly

044FA2

Tritanomaly

045284

Monochromacy



Original Color

0A45C5

Achromatopsia

424242

Achromatomaly

2E4372

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A45C5 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 #0A45C5 looks like.

```
.text, #text, p{  
    color:#0A45C5  
}
```

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 #0A45C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A45C5
}
```

Border

The CSS property to change the border of an element to Hex 0A45C5 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
#0A45C5 }
```

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

```
.border{ border-color:#0A45C5 }
```

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

Here you see how a box with a 4 pixel #0A45C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A45C5; -webkit-box-shadow:4px 4px  
4px 4px #0A45C5; box-shadow:4px 4px 4px  
4px #0A45C5 }
```

Background

The CSS property to change the background color of an element to Hex 0A45C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A45C5 }
```

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

```
.background{ background-color:#0A45C5 }
```

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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