

# Converting Colors

Hex(0A16C5)

Have a look what the booklet for  
Hex(0A16C5) contains.

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# Color

**Hex(0A16C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A16C5
RGB	10, 22, 197
RGB Percent	4%, 9%, 77%
CMY	0.9608, 0.9137, 0.2275
CMYK	0.95, 0.89, 0.00, 0.23
HSL	236°, 90%, 41%
HSV	236°, 95%, 77%
XYZ	10.4901, 4.6696, 53.1717
YIQ	38.3620, -63.3270, 51.8810

# Conversions

## Conversions Part 2

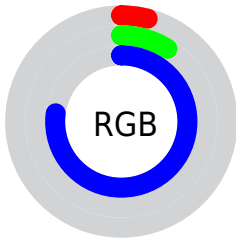
Format	Color
<b>RYB</b>	10, 21, 197
Decimal	661189
CIELab	25.77, 59.79, -85.48
CIElCh	26, 104.310, 304.971
Yxy	4.6696, 0.1535, 0.0683
Android (android.graphics.Color)	4278851269 (0xFF0A16C5)
YUV	38.3620, 78.2085, -24.8735
Hunter-Lab	21.6092, 48.8364, -130.7631

# Details

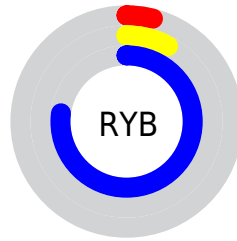
The Hex color **0A16C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C5B90A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **694AFF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **000DC5**, and if you desaturate by 10%, it is **1E28C5**.

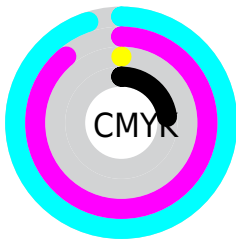
# Distribution



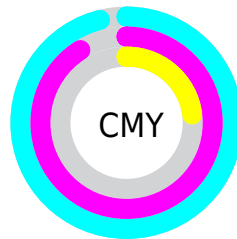
- Red (4%)
- Green (9%)
- Blue (77%)



- Red (4%)
- Yellow (8%)
- Blue (77%)



- Cyan (95%)
- Magenta (89%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (91%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A16C5 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 0A16C5 by changing the saturation by 10% instead.



■ 0A16C5

■ 0A16C5

FFFFFF

■ 0000A9

■ 694AFF

■ 00008D

■ 8A63FF

■ 000073

■ AA7DFF

■ 000D59

■ C998FF

■ 000741

■ E8B4FF

■ 00032A

■ FFD0FF

■ 000114

■ FFEDFF

■ 000000

■ 0A16C5

■ 0A16C5

000DC5

1E28C5

313BC5

454DC5

5960C5

6D72C5

8085C5

9497C5

A8A9C5

BBBCC5

# Harmonies

## Analogous

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



004AE4



0A16C5



9C0082

# Triad

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



0A16C5



7D0F00



005449

# Complementary

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



0A16C5



C5B90A

# 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.



005200



0A16C5



404000

# Square

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



0A16C5



A80000



004D00



005799

# Rectangle

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



0A16C5



B4004E



004D00



00532D



# Sweetspot

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



0A16C5



B8BCFF



0AC5B9



545780



000000



808080



# Same Dimension

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



0A16C5



0010FF



5B0AC5



5A5A63



000AA3



000224



# Inverse Universe

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



C50A16



FF0010



74C50A



635A5A



A3000A

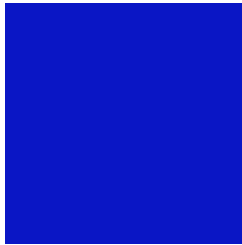


240002



# Previews

## White Background



This preview shows how the Hex color 0A16C5 looks on a white background.

## Color Contrast Check

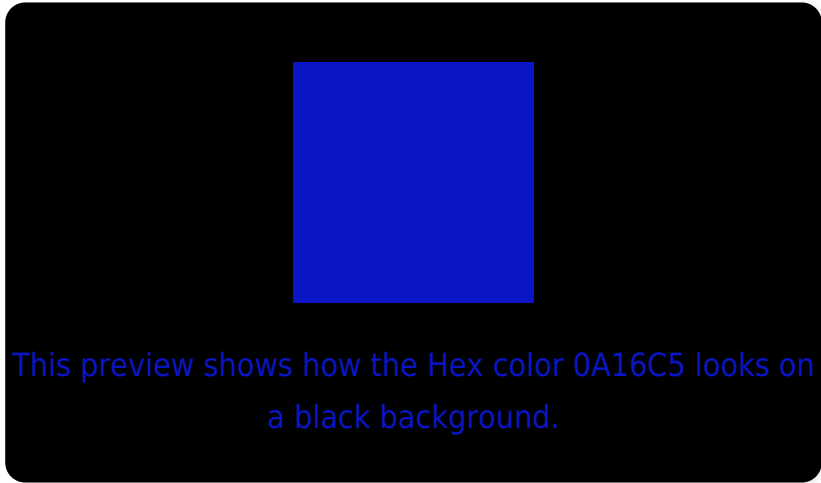
Large Text (above 18pt) WCAG AA ✓ Pass

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

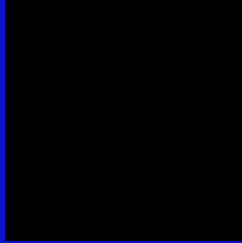
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A16C5 Background



This preview shows how black text looks on a background with the Hex color 0A16C5.



This preview shows how white text looks on a background with the Hex color 0A16C5.

# 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**  
0A16C5

**Protanopia**  
003C7D

**Deuteranopia**  
00406A



# Trichromacy



**Original Color**  
0A16C5

**Protanomaly**  
042E97

**Deuteranomaly**  
04318B

**Tritanomaly**  
043475

# Monochromacy



**Original Color**  
0A16C5

**Achromatopsia**  
262626

**Achromatomaly**  
1C2060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A16C5 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 #0A16C5 looks like.

```
.text, #text, p{  
    color:#0A16C5  
}
```

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 #0A16C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A16C5
}
```

## Border

The CSS property to change the border of an element to Hex 0A16C5 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
#0A16C5 }
```

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

```
.border{ border-color:#0A16C5 }
```

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

Here you see how a box with a 4 pixel #0A16C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A16C5; -webkit-box-shadow:4px 4px  
4px 4px #0A16C5; box-shadow:4px 4px 4px  
4px #0A16C5 }
```

# Background

The CSS property to change the background color of an element to Hex 0A16C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A16C5 }
```

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

```
.background{ background-color:#0A16C5 }
```

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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