

Converting Colors

Hex(0A66CE)

Have a look what the booklet for
Hex(0A66CE) contains.

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Color

Hex(0A66CE)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0A66CE |
| RGB | 10, 102, 206 |
| RGB Percent | 4%, 40%, 81% |
| CMY | 0.9608, 0.6000, 0.1922 |
| CMYK | 0.95, 0.50, 0.00, 0.19 |
| HSL | 212°, 91%, 42% |
| HSV | 212°, 95%, 81% |
| XYZ | 16.0171, 14.0235, 60.2551 |
| YIQ | 86.3480, -88.2160, 12.8400 |

Conversions

Conversions Part 2

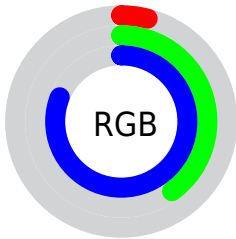
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 10, 73, 206 |
| Decimal | 681678 |
| CIELab | 44.27, 16.41, -60.29 |
| CIELCh | 44, 62.485, 285.222 |
| Yxy | 14.0235, 0.1774, 0.1553 |
| Android (android.graphics.Color) | 4278871758 (0xFF0A66CE) |
| YUV | 86.3480, 58.9884, -66.9572 |
| Hunter-Lab | 37.4480, 10.8135, -69.1862 |

Details

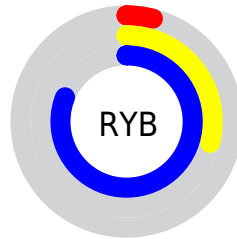
The Hex color **0A66CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE720A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6598FF**, and **003997** is the 20% darker color. If you saturate the color by 10%, you get **0061CE**, and if you desaturate by 10%, it is **1F71CE**.

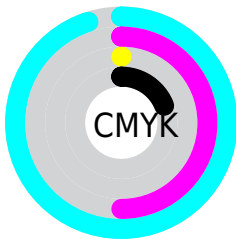
Distribution



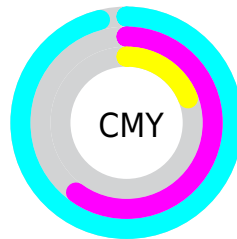
- Red (4%)
- Green (40%)
- Blue (81%)



- Red (4%)
- Yellow (29%)
- Blue (81%)



- Cyan (95%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A66CE 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 0A66CE by changing the saturation by 10% instead.

 0A66CE

 0A66CE

FFFFFF

 004FB2

 6598FF

 003997

 85B3FF

 00247C

 A4CEFF

 001163

 C3EAFF

 00094A

 E1FFFF

 000432

 00021C

 000000

 0A66CE

 0A66CE

■ 0061CE

■ 1F71CE

■ 337CCE

■ 4887CE

■ 5C92CE

■ 719DCE

■ 86A8CE

■ 9AB3CE

■ AFBDCCE

■ C3C8CE

Harmonies

Analogous

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



0076CE



0A66CE



8B4DB3

Triad

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



0A66CE



B5441F



007E4C

Complementary

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



0A66CE



CE720A

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.



227913



0A66CE



945D00

Square

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



0A66CE



C32C51



666E00



008083

Rectangle

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



0A66CE



AD3A95



666E00



007D3A

Sweetspot

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



0A66CE



B5D8FF



0ACE6F



536880



000000



808080

Same Dimension

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



0A66CE



0078FF



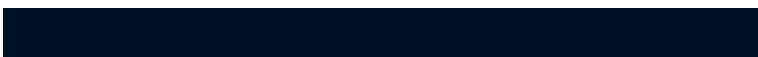
0D0ACE



5C6166



004EA6



001226

Inverse Universe

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



CE0A66



FF0078



CBCE0A



665C61



A6004E



260012

Previews

White Background



This preview shows how the Hex color 0A66CE looks on a white background.

Color Contrast Check

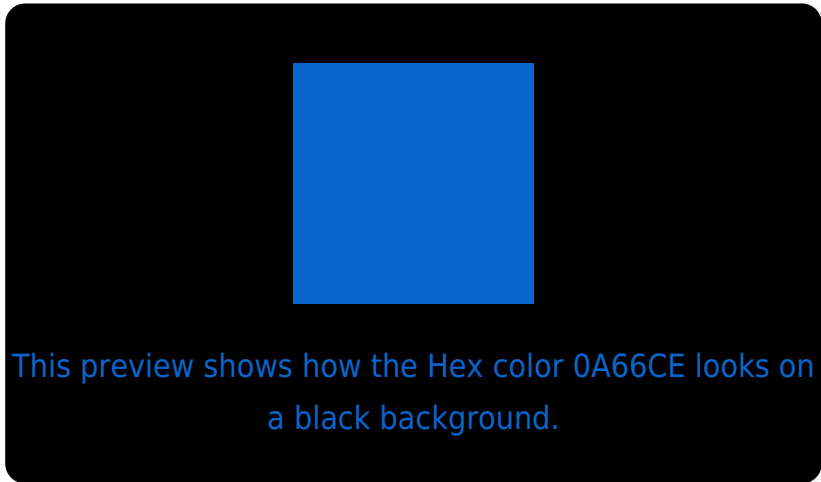
Large Text (above 18pt) WCAG AA ✓ Pass

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

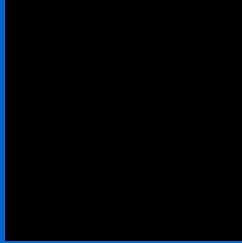
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

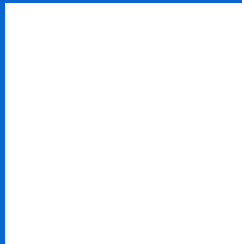
Any Text WCAG AAA × Fail

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

Hex 0A66CE Background



This preview shows how black text looks on a background with the Hex color 0A66CE.



This preview shows how white text looks on a background with the Hex color 0A66CE.

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
0A66CE

Protanomaly
1D65CD

Deuteranomaly
0469C1

Monochromacy



Original Color
0A66CE

Achromatopsia
565656

Achromatomaly
3A5C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A66CE 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 #0A66CE looks like.

```
.text, #text, p{  
    color:#0A66CE  
}
```

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 #0A66CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A66CE
}
```

Border

The CSS property to change the border of an element to Hex 0A66CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

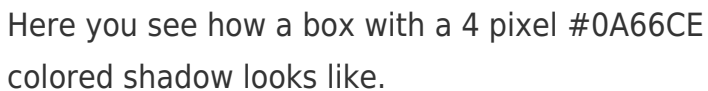
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A66CE }
```

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

```
.border{ border-color:#0A66CE }
```

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



Here you see how a box with a 4 pixel #0A66CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A66CE; -webkit-box-shadow:4px 4px  
4px 4px #0A66CE; box-shadow:4px 4px 4px  
4px #0A66CE }
```

Background

The CSS property to change the background color of an element to Hex 0A66CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A66CE }
```

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

```
.background{ background-color:#0A66CE }
```

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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