

Converting Colors

Hex(0A10D6)

Have a look what the booklet for
Hex(0A10D6) contains.

Hex(0A10D6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A10D6)

Conversions

Conversions Part 1

Format	Color
Hex	0A10D6
RGB	10, 16, 214
RGB Percent	4%, 6%, 84%
CMY	0.9608, 0.9373, 0.1608
CMYK	0.95, 0.93, 0.00, 0.16
HSL	238°, 91%, 44%
HSV	238°, 95%, 84%
XYZ	12.4481, 5.2902, 63.9833
YIQ	36.7780, -67.1340, 60.3060

Conversions

Conversions Part 2

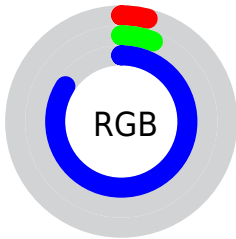
Format	Color
RYB	10, 16, 214
Decimal	659670
CIELab	27.55, 66.22, -92.44
CIELCh	28, 113.711, 305.616
Yxy	5.2902, 0.1523, 0.0647
Android (android.graphics.Color)	4278849750 (0xFF0A10D6)
YUV	36.7780, 87.3704, -23.4843
Hunter-Lab	23.0003, 56.3558, -148.8353

Details

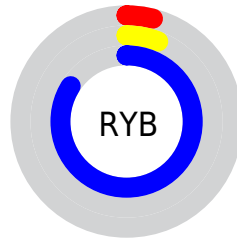
The Hex color **0A10D6** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D6D00A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6F48FF**, and **00009D** is the 20% darker color. If you saturate the color by 10%, you get **0006D6**, and if you desaturate by 10%, it is **1F25D6**.

Distribution



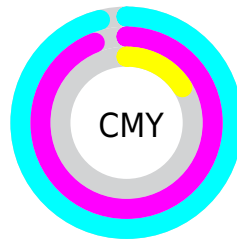
- Red (4%)
- Green (6%)
- Blue (84%)



- Red (4%)
- Yellow (6%)
- Blue (84%)



- Cyan (95%)
- Magenta (93%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (94%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A10D6 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 0A10D6 by changing the saturation by 10% instead.

 0A10D6

 0A10D6

FFFFFF

 0000B9

 6F48FF

 00009D

 9062FF

 000082

 B17DFF

 000868

 D198FF

 000A4F

 F0B4FF

 000537

 FFD0FF

 000220

 FFEDFF

 000005

 000000

■ 0A10D6

■ 0A10D6

■ 0006D6

■ 1F25D6

■ 353AD6

■ 4A4ED6

■ 6063D6

■ 7578D6

■ 8A8DD6

■ A0A1D6

■ B5B6D6

■ CBCBD6

Harmonies

Analogous

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



004FFA



0A10D6



AA008C

Triad

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



0A10D6



860D00



005A51

Complementary

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



0A10D6



D6D00A

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.



005700



0A10D6



424500

Square

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



0A10D6



B50000



005300



005DA9

Rectangle

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



0A10D6



C40052



005300



005932

Sweetspot

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



0A10D6



B5B7FF



0AD6CF



535480



000000



808080

Same Dimension

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



0A10D6



0007FF



690AD6



60616B



0005AB



00012B

Inverse Universe

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



D60A10



FF0007



77D60A



6B6061



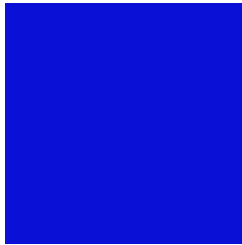
AB0005



2B0001

Previews

White Background



This preview shows how the Hex color 0A10D6 looks on a white background.

Color Contrast Check

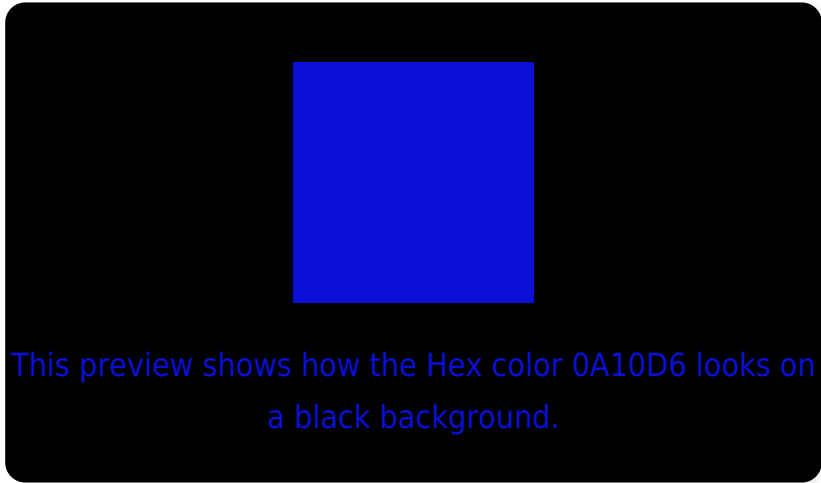
Large Text (above 18pt) WCAG AA ✓ Pass

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

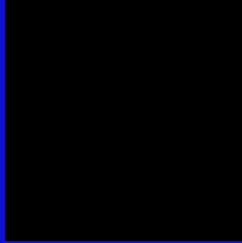
Any Text WCAG AA × Fail

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 0A10D6 Background



This preview shows how black text looks on a background with the Hex color 0A10D6.



This preview shows how white text looks on a background with the Hex color 0A10D6.

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
0A10D6

Protanopia
004085

Deuteranopia
004471



Tritanopia
00494C

Trichromacy



Original Color
0A10D6

Protanomaly
042FA2

Deuteranomaly
043196

Tritanomaly
04347E

Monochromacy



Original Color
0A10D6

Achromatopsia
252525

Achromatomaly
1B1D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A10D6 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 #0A10D6 looks like.

```
.text, #text, p{  
    color:#0A10D6  
}
```

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 #0A10D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A10D6
}
```

Border

The CSS property to change the border of an element to Hex 0A10D6 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
#0A10D6 }
```

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

```
.border{ border-color:#0A10D6 }
```

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

Here you see how a box with a 4 pixel #0A10D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A10D6; -webkit-box-shadow:4px 4px  
4px 4px #0A10D6; box-shadow:4px 4px 4px  
4px #0A10D6 }
```

Background

The CSS property to change the background color of an element to Hex 0A10D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A10D6 }
```

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

```
.background{ background-color:#0A10D6 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor