

Converting Colors

Hex(0A38E7)

Have a look what the booklet for
Hex(0A38E7) contains.

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Color

Hex(0A38E7)

Conversions

Conversions Part 1

Format	Color
Hex	0A38E7
RGB	10, 56, 231
RGB Percent	4%, 22%, 91%
CMY	0.9608, 0.7804, 0.0941
CMYK	0.96, 0.76, 0.00, 0.09
HSL	228°, 92%, 47%
HSV	228°, 96%, 91%
XYZ	15.9632, 8.6624, 76.4320
YIQ	62.1960, -83.5910, 44.6730

Conversions

Conversions Part 2

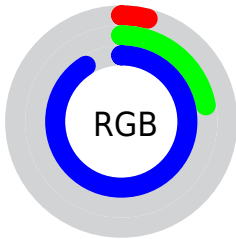
Format	Color
R_{YB}	10, 48, 231
Decimal	669927
CIE Lab	35.33, 54.63, -89.25
CIE LCh	35, 104.647, 301.471
Yxy	8.6624, 0.1580, 0.0857
Android (android.graphics.Color)	4278860007 (0xFF0A38E7)
YUV	62.1960, 83.2204, -45.7759
Hunter-Lab	29.4320, 45.3080, -133.3681




Details

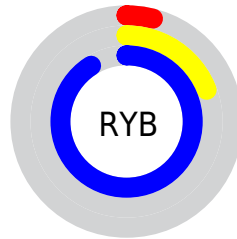
The Hex color **0A38E7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E7B90A**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **7069FF**, and **000BAE** is the 20% darker color. If you saturate the color by 10%, you get **0030E7**, and if you desaturate by 10%, it is **214AE7**.

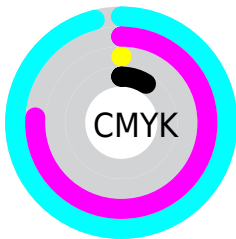
Distribution







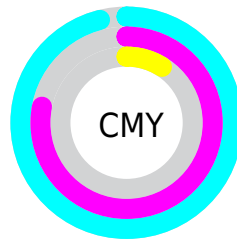
-  Red (4%)
-  Green (22%)
-  Blue (91%)






-  Red (4%)
-  Yellow (19%)
-  Blue (91%)



-  Cyan (96%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (96%)
-  Magenta (78%)
-  Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A38E7 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 0A38E7 by changing the saturation by 10% instead.

 0A38E7

 0A38E7

FFFFFF

 0021CA

 7069FF

 000BAE

 9282FF

 000092

 B39DFF

 000077

 D3B8FF

 000E5D

 F3D4FF

 000845

 FFF1FF

 00032D

 000118

 000000

■ 0A38E7

■ 0A38E7

■ 0030E7

■ 214AE7

■ 385DE7

■ 4F6FE7

■ 6681E7

■ 7D93E7

■ 95A6E7

■ ACB8E7

■ C3CAE7

■ DADDE7

Harmonies

Analogous

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



0061FF



0A38E7



B200A5

Triad

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



0A38E7



A12100



006E56

Complementary

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



0A38E7



E7B90A

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.



006B00



0A38E7



635300

Square

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



0A38E7



CC0000



006400



0070AB

Rectangle

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



0A38E7



D1006F



006400



006D38

Sweetspot

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



0A38E7



B5C4FF



0AE7B7



535C80



000000



808080

Same Dimension

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



0A38E7



0035FF



490AE7



676A73



0025B3



000B33

Inverse Universe

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



E70A38



FF0035



A8E70A



73676A



B30025



33000B

Previews

White Background



This preview shows how the Hex color 0A38E7 looks on a white background.

Color Contrast Check

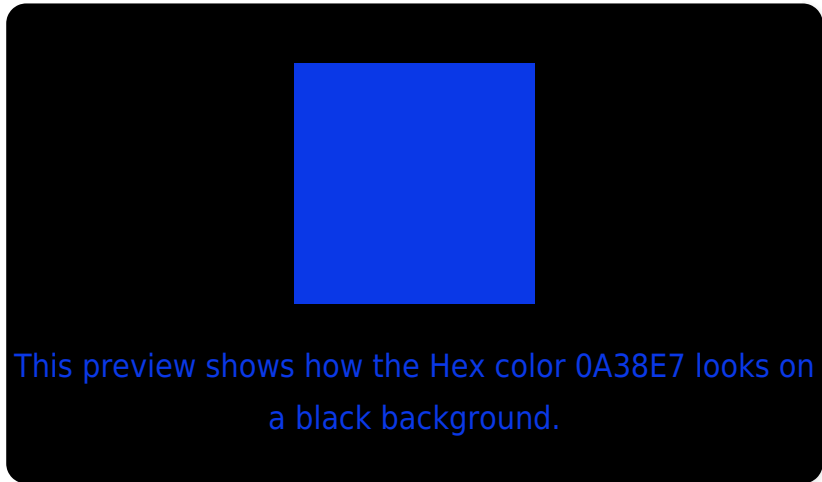
Large Text (above 18pt) WCAG AA ✓ Pass

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

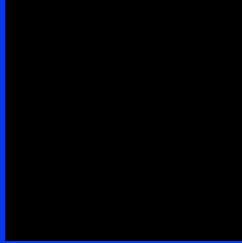
Any Text WCAG AA × Fail

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 0A38E7 Background



This preview shows how black text looks on a background with the Hex color 0A38E7.



This preview shows how white text looks on a background with the Hex color 0A38E7.

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
005C60

Trichromacy



Original Color
0A38E7

Protanomaly
0447BE

Deuteranomaly
044AAE

Tritanomaly
044F91

Monochromacy



Original Color
0A38E7

Achromatopsia
3E3E3E

Achromatomaly
2B3C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A38E7 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 #0A38E7 looks like.

```
.text, #text, p{  
    color:#0A38E7  
}
```

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 #0A38E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A38E7  
}
```

Border

The CSS property to change the border of an element to Hex 0A38E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

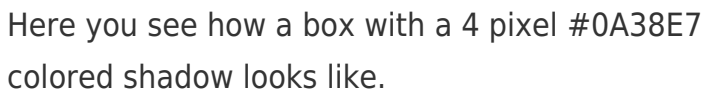
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0A38E7 }
```

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

```
.border{ border-color:#0A38E7 }
```

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



Here you see how a box with a 4 pixel #0A38E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A38E7; -webkit-box-shadow:4px 4px  
4px 4px #0A38E7; box-shadow:4px 4px 4px  
4px #0A38E7 }
```

Background

The CSS property to change the background color of an element to Hex 0A38E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A38E7 }
```

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

```
.background{ background-color:#0A38E7 }
```

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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