

Converting Colors

Hex(0C62E2)

Have a look what the booklet for
Hex(0C62E2) contains.

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Color

Hex(0C62E2)

Conversions

Conversions Part 1

Format	Color
Hex	0C62E2
RGB	12, 98, 226
RGB Percent	5%, 38%, 89%
CMY	0.9529, 0.6157, 0.1137
CMYK	0.95, 0.57, 0.00, 0.11
HSL	216°, 90%, 47%
HSV	216°, 95%, 89%
XYZ	18.2468, 14.3045, 73.7508
YIQ	86.8780, -92.3440, 21.5760

Conversions

Conversions Part 2

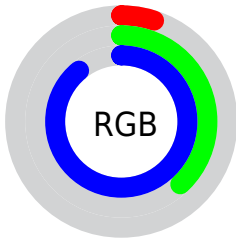
Format	Color
R_{YB}	12, 73, 226
Decimal	811746
CIE _{Lab}	44.67, 26.94, -71.05
CIE _{LCh}	45, 75.984, 290.769
Yxy	14.3045, 0.1717, 0.1346
Android (android.graphics.Color)	4279001826 (0xFF0C62E2)
YUV	86.8780, 68.5871, -65.6680
Hunter-Lab	37.8213, 19.9295, -89.1395

Details

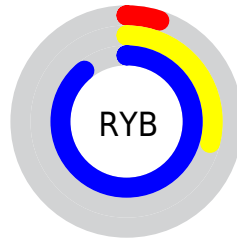
The Hex color **0C62E2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E28C0C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6C94FF**, and **0035AA** is the 20% darker color. If you saturate the color by 10%, you get **005BE2**, and if you desaturate by 10%, it is **2370E2**.

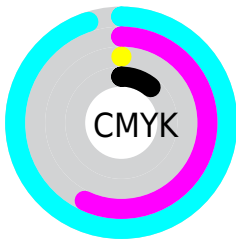
Distribution



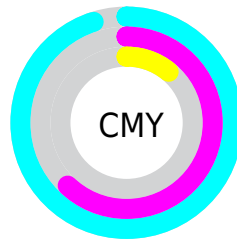
- Red (5%)
- Green (38%)
- Blue (89%)



- Red (5%)
- Yellow (29%)
- Blue (89%)



- Cyan (95%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C62E2 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 0C62E2 by changing the saturation by 10% instead.

 0C62E2

 0C62E2

FFFFFF

 004BC5

 6C94FF

 0035AA

 8DAEFF

 00228E

 ACCAFF

 001074

 CCE5FF

 000A5A

 EBFFFF

 000742

 00032B

 000115

 000000

■ 0C62E2

■ 0C62E2

■ 005BE2

■ 2370E2

■ 397DE2

■ 508BE2

■ 6698E2

■ 7DA6E2

■ 94B3E2

■ AAC1E2

■ C1CEE2

■ D7DCE2

Harmonies

Analogous

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



0078E8



0C62E2



9F3DBB

Triad

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



0C62E2



BC3F00



008253

Complementary

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



0C62E2



E28C0C

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.



007E01



0C62E2



916000

Square

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



0C62E2



D30042



577400



008495

Rectangle

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



0C62E2



C31695



577400



00813D

Sweetspot

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



0C62E2



B8D4FF



0CE289



546680



000000



808080

Same Dimension

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



0C62E2



0066FF



1E0CE2



656970



0047B0



001330

Inverse Universe

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



E20C62



FF0066



D0E20C



706569



B00047



300013

Previews

White Background



This preview shows how the Hex color 0C62E2 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



This preview shows how the Hex color 0C62E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

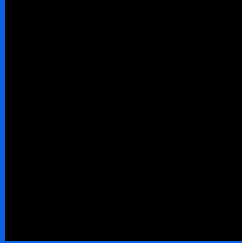
Any Text WCAG AA × Fail

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 0C62E2 Background



This preview shows how black text looks on a background with the Hex color 0C62E2.

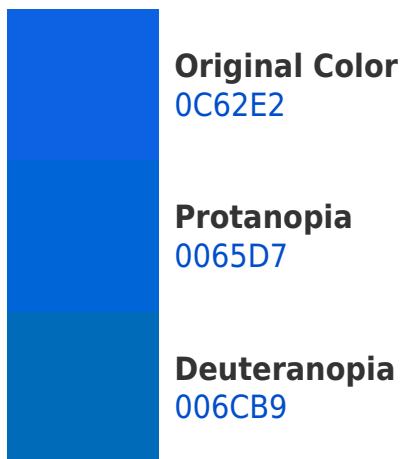


This preview shows how white text looks on a background with the Hex color 0C62E2.

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
00757C

Trichromacy



Original Color
0C62E2

Protanomaly
0464DB

Deuteranomaly
0468C8

Tritanomaly
046EA1

Monochromacy



Original Color
0C62E2

Achromatopsia
575757

Achromatomaly
3C5B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C62E2 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 #0C62E2 looks like.

```
.text, #text, p{  
    color:#0C62E2  
}
```

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 #0C62E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C62E2
}
```

Border

The CSS property to change the border of an element to Hex 0C62E2 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
#0C62E2 }
```

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

```
.border{ border-color:#0C62E2 }
```

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

Here you see how a box with a 4 pixel #0C62E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C62E2; -webkit-box-shadow:4px 4px  
4px 4px #0C62E2; box-shadow:4px 4px 4px  
4px #0C62E2 }
```

Background

The CSS property to change the background color of an element to Hex 0C62E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C62E2 }
```

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

```
.background{ background-color:#0C62E2 }
```

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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