

Converting Colors

Hex(07BC21)

Have a look what the booklet for
Hex(07BC21) contains.

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Color

Hex(07BC21)

Conversions

Conversions Part 1

Format	Color
Hex	07BC21
RGB	7, 188, 33
RGB Percent	3%, 74%, 13%
CMY	0.9725, 0.2627, 0.8706
CMYK	0.96, 0.00, 0.82, 0.26
HSL	129°, 93%, 38%
HSV	129°, 96%, 74%
XYZ	18.3454, 36.1214, 7.4441
YIQ	116.2110, -58.1210, -86.5770

Conversions

Conversions Part 2

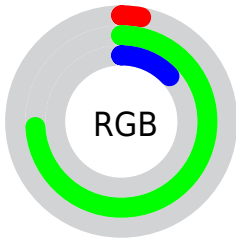
Format	Color
RYB	7, 165, 188
Decimal	506913
CIELab	66.61, -67.13, 60.66
CIELCh	67, 90.476, 137.901
Yxy	36.1214, 0.2963, 0.5834
Android (android.graphics.Color)	4278696993 (0xFF07BC21)
YUV	116.2110, -41.0230, -95.7780
Hunter-Lab	60.1011, -50.6913, 34.7272

Details

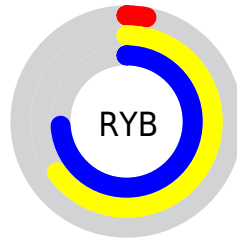
The Hex color **07BC21** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BC07A2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **65F65C**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **00BC1B**, and if you desaturate by 10%, it is **1ABC31**.

Distribution



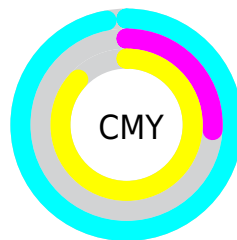
- Red (3%)
- Green (74%)
- Blue (13%)



- Red (3%)
- Yellow (65%)
- Blue (74%)



- Cyan (96%)
- Magenta (0%)
- Yellow (82%)
- Black (26%)



- Cyan (97%)
- Magenta (26%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07BC21 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 07BC21 by changing the saturation by 10% instead.

 07BC21

 07BC21

FFFFFF

 00A000

 65F65C

 008500

 85FF78

 006A00

 A4FF93

 005100

 C3FFB0

 003900

 E2FFCC

 001F00

 FFFFE9

 000000

 07BC21

 07BC21

 00BC1B

 1ABC31

 2DBC41

 3FBC51

 52BC61

 65BC71

 78BC82

 8BBC92

 9DBCA2

 B0BCB2

Harmonies

Analogous

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



96AD00



07BC21



00C37D

Triad

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



07BC21



00B5FF



FF3F76

Complementary

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



07BC21



BC07A2

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.



FF42C7



07BC21



2F9BFF

Square

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



07BC21



00C2FF



E071FF



FF6B25

Rectangle

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



07BC21



00C5B6



E071FF



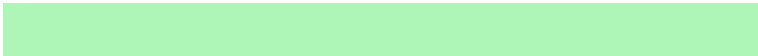
FF3790

Sweetspot

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



07BC21



AEF5B8



A4BC07



507A56



FAFAFA



7A7A7A

Same Dimension

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



07BC21



00F523



07BC7A



555E56



009E17



001F04

Inverse Universe

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



BC07A2



F500D2



BC0749



5E555D



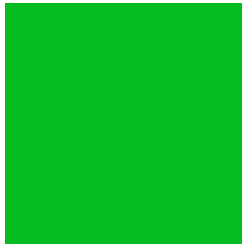
9E0087



1F001A

Previews

White Background



This preview shows how the Hex color 07BC21 looks on a white background.

Color Contrast Check

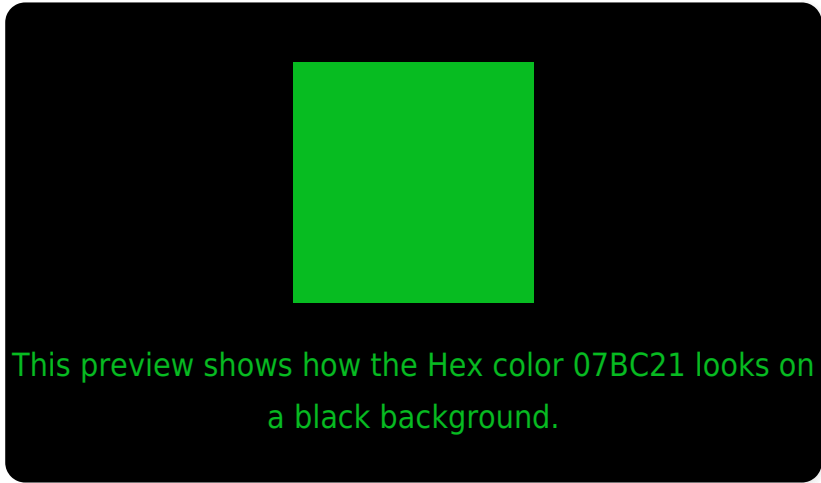
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 07BC21 Background



This preview shows how black text looks on a background with the Hex color 07BC21.



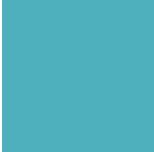
This preview shows how white text looks on a background with the Hex color 07BC21.

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
4EAFBD

Trichromacy



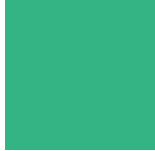
Original Color
07BC21



Protanomaly
76AB1D



Deuteranomaly
82A62C



Tritanomaly
34B484

Monochromacy



Original Color
07BC21



Achromatopsia
747474



Achromatomaly
4C8E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 07BC21 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 #07BC21 looks like.

```
.text, #text, p{  
    color:#07BC21  
}
```

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 #07BC21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07BC21
}
```

Border

The CSS property to change the border of an element to Hex 07BC21 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
#07BC21 }
```

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

```
.border{ border-color:#07BC21 }
```

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

Here you see how a box with a 4 pixel #07BC21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07BC21; -webkit-box-shadow:4px 4px  
4px 4px #07BC21; box-shadow:4px 4px 4px  
4px #07BC21 }
```

Background

The CSS property to change the background color of an element to Hex 07BC21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07BC21 }
```

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

```
.background{ background-color:#07BC21 }
```

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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