

Converting Colors

Hex(0FBA20)

Have a look what the booklet for
Hex(0FBA20) contains.

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Color

Hex(0FBA20)

Conversions

Conversions Part 1

Format	Color
Hex	0FBA20
RGB	15, 186, 32
RGB Percent	6%, 73%, 13%
CMY	0.9412, 0.2706, 0.8745
CMYK	0.92, 0.00, 0.83, 0.27
HSL	126°, 85%, 39%
HSV	126°, 92%, 73%
XYZ	18.0166, 35.3237, 7.2351
YIQ	117.3150, -52.4820, -84.1460

Conversions

Conversions Part 2

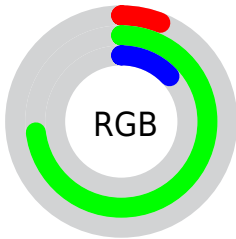
Format	Color
RYB	15, 171, 186
Decimal	1030688
CIELab	66.00, -66.23, 60.37
CIELCh	66, 89.615, 137.648
Yxy	35.3237, 0.2974, 0.5831
Android (android.graphics.Color)	4279220768 (0xFF0FBA20)
YUV	117.3150, -42.0603, -89.7303
Hunter-Lab	59.4337, -49.8988, 34.3860

Details

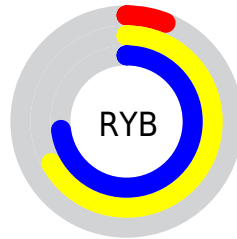
The Hex color **0FBA20** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA0FA9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66F35B**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **00BA12**, and if you desaturate by 10%, it is **22BA31**.

Distribution



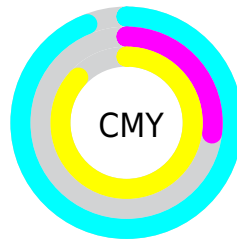
- Red (6%)
- Green (73%)
- Blue (13%)



- Red (6%)
- Yellow (67%)
- Blue (73%)



- Cyan (92%)
- Magenta (0%)
- Yellow (83%)
- Black (27%)



- Cyan (94%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FBA20 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 0FBA20 by changing the saturation by 10% instead.

 0FBA20

 0FBA20

FFFFFF

 009E00

 66F35B

 008300

 86FF77

 006900

 A5FF92

 004F00

 C3FFAE

 003700

 E2FFCB

 001D00

 FFFF E8

 000000

 0FBA20

 0FBA20

 00BA12

 22BA31

 34BA42

 47BA52

 59BA63

 6CBA74

 7FBA85

 91BA95

 A4BAA6

 B6BAB7

Harmonies

Analogous

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



95AB00



0FBA20



00C17B

Triad

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



0FBA20



00B4FF



FF3E75

Complementary

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



0FBA20



BA0FA9

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.



FF42C5



0FBA20



2B9AFF

Square

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



0FBA20



00C0FF



DD71FF



FF6A26

Rectangle

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



0FBA20



00C3B4



DD71FF



FF368F

Sweetspot

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



0FBA20



AEF2B5



ACBA0F



517A55



FAFAFA



7A7A7A

Same Dimension

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



0FBA20



00F218



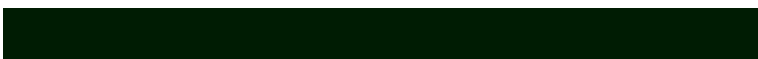
0FBA73



535C54



009C0F



001C03

Inverse Universe

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



BA0FA9



F200DA



BA0F56



5C535B



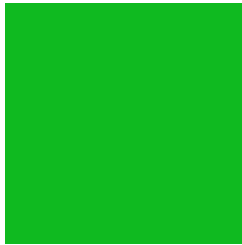
9C008C



1C0019

Previews

White Background



This preview shows how the Hex color 0FBA20 looks on a white background.

Color Contrast Check

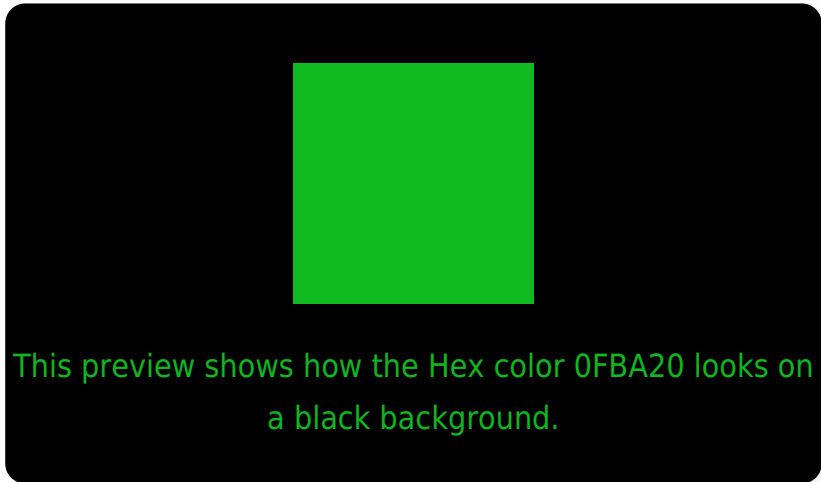
Large Text (above 18pt) WCAG AA × Fail

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 0FBA20 Background



This preview shows how black text looks on a background with the Hex color 0FBA20.



This preview shows how white text looks on a background with the Hex color 0FBA20.

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
0FBA20

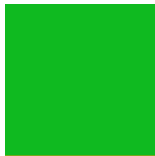
Protanopia
B39F19

Deuteranopia
C79732



Tritanopia
4EADBB

Trichromacy



Original Color
0FBA20



Protanomaly
77A91C



Deuteranomaly
84A42B



Tritanomaly
37B283

Monochromacy



Original Color
0FBA20



Achromatopsia
757575



Achromatomaly
508E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FBA20 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 #0FBA20 looks like.

```
.text, #text, p{  
    color:#0FBA20  
}
```

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 #0FBA20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FBA20
}
```

Border

The CSS property to change the border of an element to Hex 0FBA20 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
#0FBA20 }
```

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

```
.border{ border-color:#0FBA20 }
```

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

Here you see how a box with a 4 pixel #0FBA20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FBA20; -webkit-box-shadow:4px 4px  
4px 4px #0FBA20; box-shadow:4px 4px 4px  
4px #0FBA20 }
```

Background

The CSS property to change the background color of an element to Hex 0FBA20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FBA20 }
```

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

```
.background{ background-color:#0FBA20 }
```

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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