

# Converting Colors

Hex(0BBF20)

Have a look what the booklet for  
Hex(0BBF20) contains.

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**Color**

**Hex(0BBF20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BBF20
RGB	11, 191, 32
RGB Percent	4%, 75%, 13%
CMY	0.9569, 0.2510, 0.8745
CMYK	0.94, 0.00, 0.83, 0.25
HSL	127°, 89%, 40%
HSV	127°, 94%, 75%
XYZ	19.0295, 37.4370, 7.5896
YIQ	119.0540, -56.2410, -87.6090

# Conversions

## Conversions Part 2

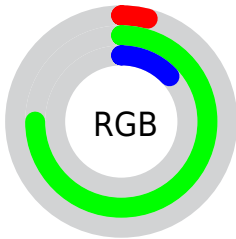
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 172, 191
Decimal	769824
CIELab	67.60, -67.86, 61.83
CIELCh	68, 91.804, 137.658
Yxy	37.4370, 0.2971, 0.5844
Android (android.graphics.Color)	4278959904 (0xFF0BBF20)
YUV	119.0540, -42.9176, -94.7634
Hunter-Lab	61.1858, -51.5595, 35.4756

# Details

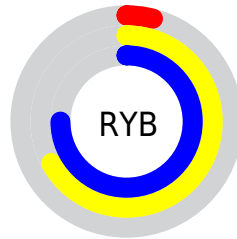
The Hex color **0BBF20** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BF0BAA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67F95C**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **00BF16**, and if you desaturate by 10%, it is **1EBF31**.

# Distribution



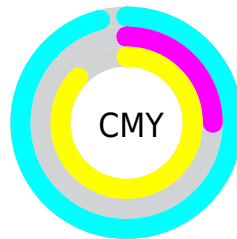
- Red (4%)
- Green (75%)
- Blue (13%)



- Red (4%)
- Yellow (67%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (83%)
- Black (25%)



- Cyan (96%)
- Magenta (25%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BBF20 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 0BBF20 by changing the saturation by 10% instead.



 0BBF20

 0BBF20

FFFFFF

 00A300

 67F95C

 008800

 87FF78

 006D00

 A6FF93

 005300

 C5FFB0

 003B00

 E4FFCC

 002200

 FFFFE9

 000000

 0BBF20

 0BBF20

 00BF16

 1EBF31

 31BF42

 44BF53

 57BF63

 6ABF74

 7EBF85

 91BF96

 A4BFA7

 B7BFB8

# Harmonies

## Analogous

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



99B000



0BBF20



00C67E

# Triad

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



0BBF20



00B9FF



FF3F78

# Complementary

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



0BBF20



BF0BAA

# 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.



FF43CB



0BBF20



2A9EFF

# Square

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



0BBF20



00C5FF



E374FF



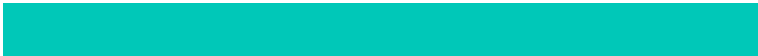
FF6C26

# Rectangle

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



0BBF20



00C8B8



E374FF



FF3793

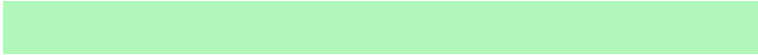


# Sweetspot

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



0BBF20



B2F7BA



AABF0B



527D57



FCFCFC



7D7D7D



# Same Dimension

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



0BBF20



00F71D



0BBF7A



555E56



009E12



001F04



# Inverse Universe

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



BF0BAA



F700DA



BF0B50



5E555D



9E008C

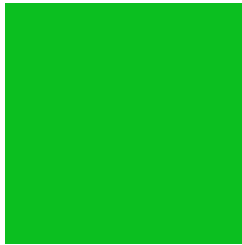


1F001B



# Previews

## White Background



This preview shows how the Hex color 0BBF20 looks on a white background.

## Color Contrast Check

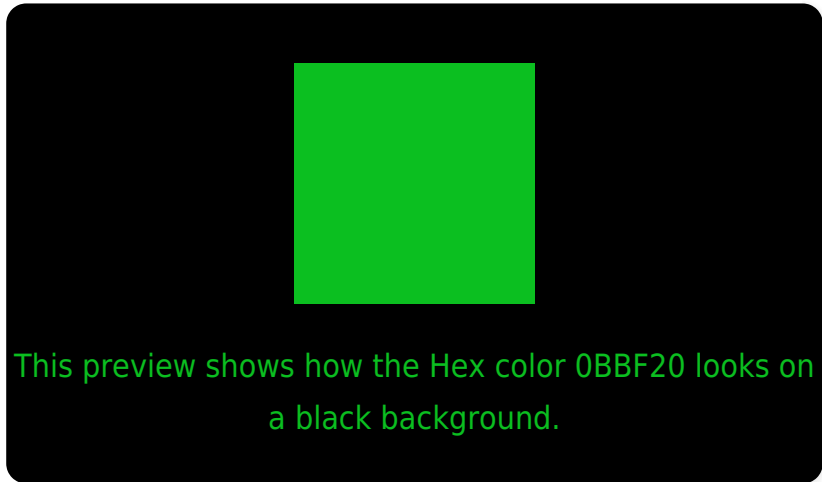
Large Text (above 18pt) WCAG AA × Fail

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 0BBF20 Background



This preview shows how black text looks on a background with the Hex color 0BBF20.

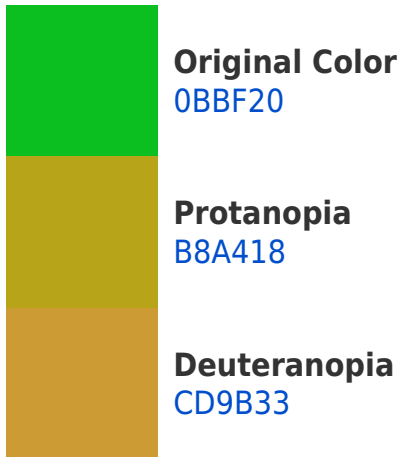


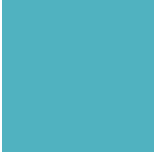
This preview shows how white text looks on a background with the Hex color 0BBF20.

# 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](#).

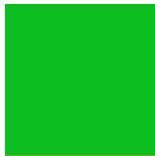
## Dichromacy





**Tritanopia**  
50B2C0

# Trichromacy



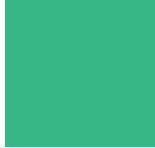
**Original Color**  
0BBF20



**Protanomaly**  
79AE1B



**Deuteranomaly**  
86A82C



**Tritanomaly**  
37B786

# Monochromacy



**Original Color**  
0BBF20



**Achromatopsia**  
777777



**Achromatomaly**  
509157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BBF20 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 #0BBF20 looks like.

```
.text, #text, p{  
    color:#0BBF20  
}
```

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 #0BBF20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BBF20
}
```

## Border

The CSS property to change the border of an element to Hex 0BBF20 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
#0BBF20 }
```

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

```
.border{ border-color:#0BBF20 }
```

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

Here you see how a box with a 4 pixel #0BBF20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BBF20; -webkit-box-shadow:4px 4px  
4px 4px #0BBF20; box-shadow:4px 4px 4px  
4px #0BBF20 }
```

# Background

The CSS property to change the background color of an element to Hex 0BBF20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BBF20 }
```

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

```
.background{ background-color:#0BBF20 }
```

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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