

Converting Colors

Hex(0B200F)

Have a look what the booklet for
Hex(0B200F) contains.

Hex(0B200F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B200F)

Conversions

Conversions Part 1

Format	Color
Hex	0B200F
RGB	11, 32, 15
RGB Percent	4%, 13%, 6%
CMY	0.9569, 0.8745, 0.9412
CMYK	0.66, 0.00, 0.53, 0.87
HSL	131°, 49%, 8%
HSV	131°, 66%, 13%
XYZ	0.7407, 1.1387, 0.6327
YIQ	23.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

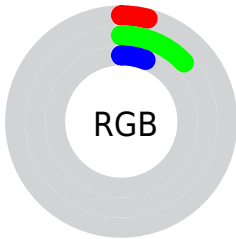
Format	Color
RYB	11, 29, 32
Decimal	729103
CIELab	10.10, -13.18, 8.36
CIElCh	10, 15.605, 147.611
Yxy	1.1387, 0.2949, 0.4533
Android (android.graphics.Color)	4278919183 (0xFF0B200F)
YUV	23.7830, -4.3300, -11.2107
Hunter-Lab	10.6708, -6.2828, 3.9542

Details

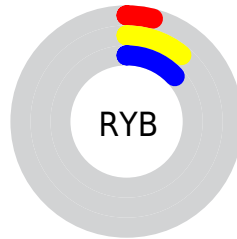
The Hex color **0B200F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **200B1C**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **364C3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **08200C**, and if you desaturate by 10%, it is **0E2012**.

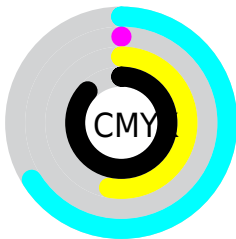
Distribution



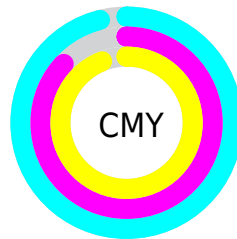
- Red (4%)
- Green (13%)
- Blue (6%)



- Red (4%)
- Yellow (11%)
- Blue (13%)



- Cyan (66%)
- Magenta (0%)
- Yellow (53%)
- Black (87%)




- Cyan (96%)
- Magenta (87%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B200F 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 0B200F by changing the saturation by 10% instead.

 0B200F

 0B200F

 EBFFEF

 000100

 364C3A

 000000

 4D6450

 657D69

 7E9782

 98B29C

 B3CDB7

 CFEAD2

 0B200F

 0B200F

■ 08200C

■ 0E2012

■ 05200A

■ 112014

■ 012007

■ 152017

■ 002006

■ 182019

■ 1B201C

■ 1E201F

■ 212021

■ 252024

■ 282026

Harmonies

Analogous

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



191E03



0B200F



00211A

Triad

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



0B200F



061D31



2F1412

Complementary

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



0B200F



200B1C

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.



2E131D



0B200F



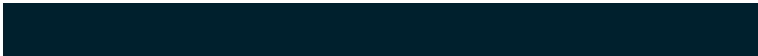
1B192E

Square

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



0B200F



00202D



281527



2B1705

Rectangle

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



0B200F



002122



281527



2F1316

Sweetspot

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



0B200F



212922



1C200B



101410



949494



141414

Same Dimension

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



0B200F



09290F



0B2019



0E0F0E



004F0F



00CF27

Inverse Universe

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



200B1C



290923



200B12



0F0E0F



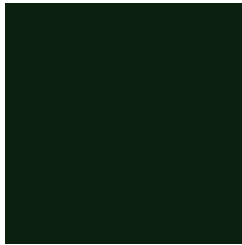
4F0040



CF00A7

Previews

White Background



This preview shows how the Hex color 0B200F looks on a white background.

Color Contrast Check

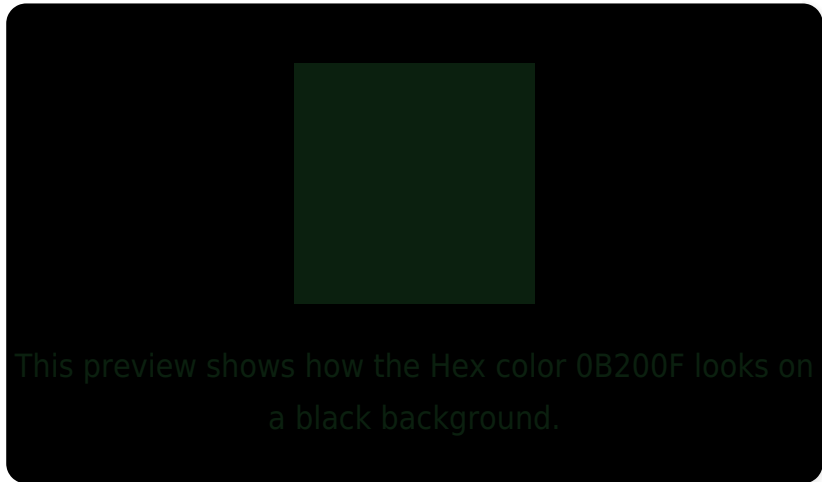
Large Text (above 18pt) WCAG AA ✓ Pass

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

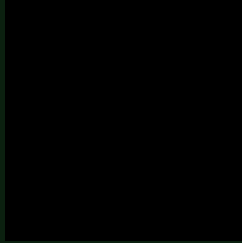
Any Text WCAG AA × Fail

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 0B200F Background



This preview shows how black text looks on a background with the Hex color 0B200F.



This preview shows how white text looks on a background with the Hex color 0B200F.

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
0B200F

Protanopia
1F1C0E

Deuteranopia
221B10

Trichromacy



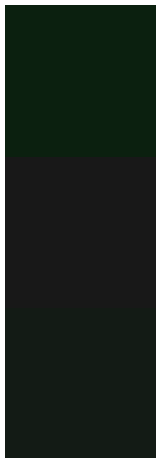
Original Color
0B200F

Protanomaly
181D0E

Deuteranomaly
1A1D10

Tritanomaly
0E1F1A

Monochromacy



Original Color
0B200F

Achromatopsia
181818

Achromatomaly
131B15

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B200F 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 #0B200F looks like.

```
.text, #text, p{  
    color:#0B200F  
}
```

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 #0B200F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B200F
}
```

Border

The CSS property to change the border of an element to Hex 0B200F is called "border". The border property can be set on classes, ids or directly on the HTML element.

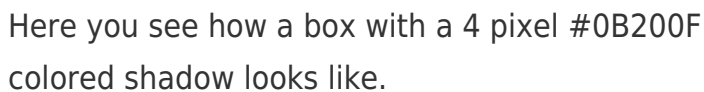
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B200F }
```

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

```
.border{ border-color:#0B200F }
```

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



Here you see how a box with a 4 pixel #0B200F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B200F; -webkit-box-shadow:4px 4px  
4px 4px #0B200F; box-shadow:4px 4px 4px  
4px #0B200F }
```

Background

The CSS property to change the background color of an element to Hex 0B200F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B200F }
```

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

```
.background{ background-color:#0B200F }
```

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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