

Converting Colors

Hex(0A1B20)

Have a look what the booklet for
Hex(0A1B20) contains.

Hex(0A1B20)	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(0A1B20)

Conversions

Conversions Part 1

Format	Color
Hex	0A1B20
RGB	10, 27, 32
RGB Percent	4%, 11%, 13%
CMY	0.9608, 0.8941, 0.8745
CMYK	0.69, 0.16, 0.00, 0.87
HSL	194°, 52%, 8%
HSV	194°, 69%, 13%
XYZ	0.7778, 0.9527, 1.5094
YIQ	22.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

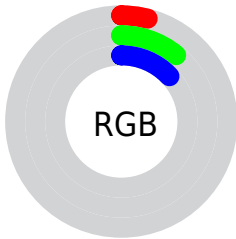
Format	Color
R_YB	10, 20, 32
Decimal	662304
CIE _{Lab}	8.59, -5.17, -5.65
CIE _{LCh}	9, 7.654, 227.539
Yxy	0.9527, 0.2401, 0.2940
Android (android.graphics.Color)	4278852384 (0xFF0A1B20)
YUV	22.4870, 4.6899, -10.9511
Hunter-Lab	9.7605, -2.8562, -2.3364

Details

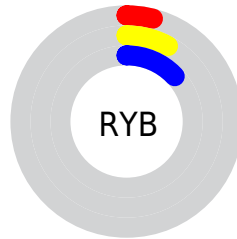
The Hex color **0A1B20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **200F0A**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **35464C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **071A20**, and if you desaturate by 10%, it is **0D1C20**.

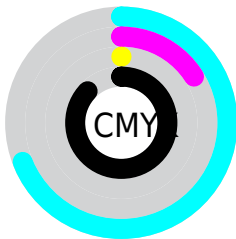
Distribution



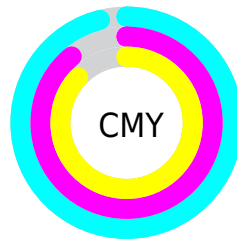
- Red (4%)
- Green (11%)
- Blue (13%)



- Red (4%)
- Yellow (8%)
- Blue (13%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (87%)



- Cyan (96%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1B20 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 0A1B20 by changing the saturation by 10% instead.

■ 0A1B20

■ 0A1B20

■ EAFEFF

■ 000008

■ 35464C

■ 000000

■ 4C5E64

■ 64767D

■ 7E9097

■ 98ABB1

■ B2C6CD

■ CEE2E9

■ 0A1B20

■ 0A1B20

■ 071A20

■ 0D1C20

■ 041A20

■ 101C20

■ 001920

■ 141D20

■ 171E20

■ 1A1F20

■ 1D1F20

■ 202020

■ 242120

■ 272220

Harmonies

Analogous

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



091C1C



0A1B20



0F1A22

Triad

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



0A1B20



21151B



1A190D

Complementary

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



0A1B20



200F0A

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.



1F180D



0A1B20



231516

Square

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



0A1B20



1D1620



221611



141B11

Rectangle

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



0A1B20



141923



221611



1C190D

Sweetspot

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



0A1B20



202729



0A200F



0F1314



949494



141414

Same Dimension

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



0A1B20



072129



0A1020



0E0F0F



003D4F



00A0CF

Inverse Universe

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



200A1B



290721



201A0A



0F0E0F



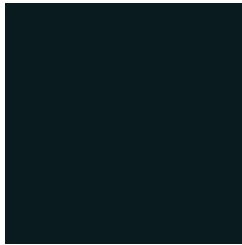
4F003D



CF00A0

Previews

White Background



This preview shows how the Hex color 0A1B20 looks on a white background.

Color Contrast Check

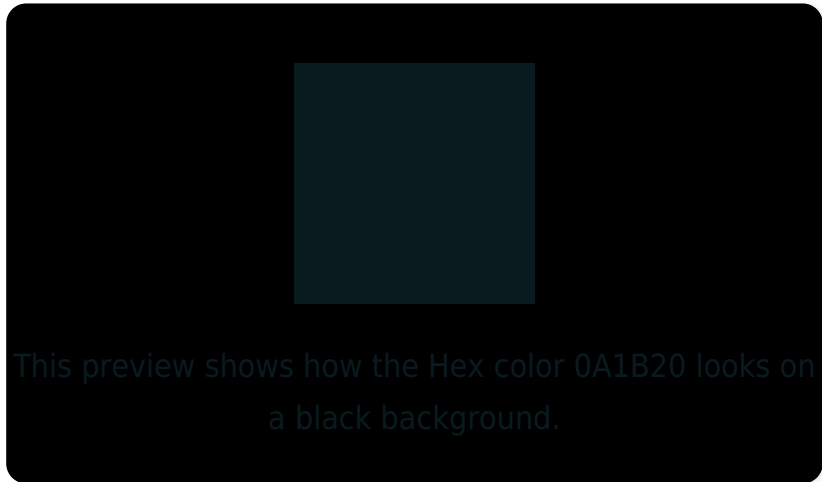
Large Text (above 18pt) WCAG AA ✓ Pass

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

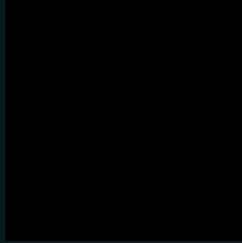
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

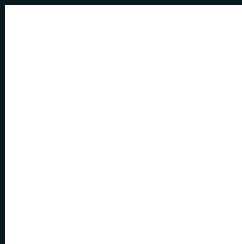
Any Text WCAG AAA × Fail

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

Hex 0A1B20 Background



This preview shows how black text looks on a background with the Hex color 0A1B20.

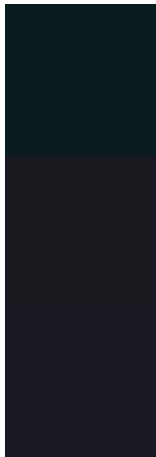


This preview shows how white text looks on a background with the Hex color 0A1B20.

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
0A1B20

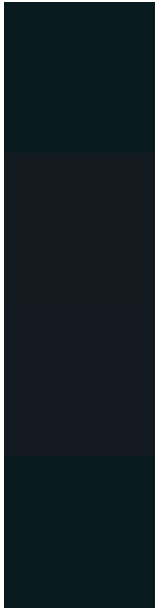
Protanopia
18191E

Deuteranopia
171821



Tritanopia
091B1E

Trichromacy



Original Color

0A1B20

Protanomaly

131A1F

Deuteranomaly

121921

Tritanomaly

091B1F

Monochromacy



Original Color

0A1B20

Achromatopsia

161616

Achromatomaly

12181A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1B20 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 #0A1B20 looks like.

```
.text, #text, p{  
    color:#0A1B20  
}
```

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 #0A1B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1B20
}
```

Border

The CSS property to change the border of an element to Hex 0A1B20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

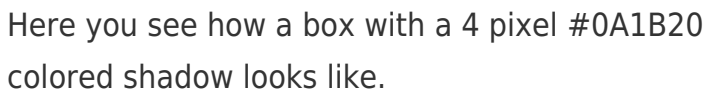
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A1B20 }
```

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

```
.border{ border-color:#0A1B20 }
```

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



Here you see how a box with a 4 pixel #0A1B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1B20; -webkit-box-shadow:4px 4px  
4px 4px #0A1B20; box-shadow:4px 4px 4px  
4px #0A1B20 }
```

Background

The CSS property to change the background color of an element to Hex 0A1B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1B20 }
```

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

```
.background{ background-color:#0A1B20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor