

Converting Colors

Hex(0C1F20)

Have a look what the booklet for
Hex(0C1F20) contains.

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Color

Hex(0C1F20)

Conversions

Conversions Part 1

Format	Color
Hex	0C1F20
RGB	12, 31, 32
RGB Percent	5%, 12%, 13%
CMY	0.9529, 0.8784, 0.8745
CMYK	0.62, 0.03, 0.00, 0.87
HSL	183°, 45%, 9%
HSV	183°, 62%, 13%
XYZ	0.9023, 1.1624, 1.5433
YIQ	25.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

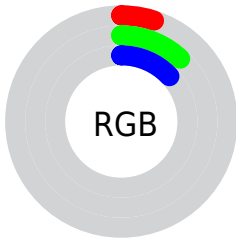
Format	Color
R_{YB}	12, 22, 32
Decimal	794400
CIE Lab	10.28, -7.39, -3.10
CIE LCh	10, 8.015, 202.725
Yxy	1.1624, 0.2501, 0.3222
Android (android.graphics.Color)	4278984480 (0xFF0C1F20)
YUV	25.4330, 3.2375, -11.7807
Hunter-Lab	10.7816, -3.9289, -0.9399

Details

The Hex color **0C1F20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **200D0C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **374B4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091F20**, and if you desaturate by 10%, it is **0F1F20**.

Distribution



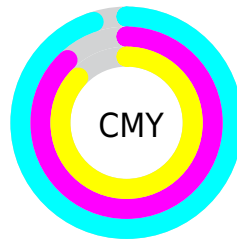
- Red (5%)
- Green (12%)
- Blue (13%)



- Red (5%)
- Yellow (9%)
- Blue (13%)



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1F20 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 0C1F20 by changing the saturation by 10% instead.

■ 0C1F20

■ 0C1F20

■ EDFFFF

■ 000208

■ 374B4C

■ 000000

■ 4E6364

■ 677C7D

■ 809596

■ 9AB0B1

■ B5CCCD

■ D1E8E9

■ 0C1F20

■ 0C1F20

■ 091F20

■ 0F1F20

■ 061F20

■ 121F20

■ 021F20

■ 161F20

■ 001E20

■ 192020

■ 1C2020

■ 1F2020

■ 222020

■ 262020

■ 292020

Harmonies

Analogous

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



101F1A



0C1F20



0D1E24

Triad

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



0C1F20



221923



211B11

Complementary

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



0C1F20



200D0C

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.



251913



0C1F20



26181E

Square

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



0C1F20



1B1B26



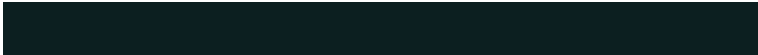
271818



1C1D12

Rectangle

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



0C1F20



111D26



271818



231B11

Sweetspot

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



0C1F20



212829



0C200D



101414



949494



141414

Same Dimension

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



0C1F20



0A2729



0C1520



0E0F0F



004B4F



00C4CF

Inverse Universe

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



200C1F



290A27



20170C



0F0E0F



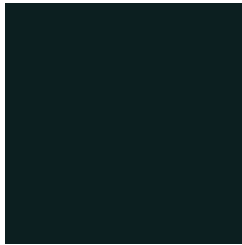
4F004B



CF00C4

Previews

White Background



This preview shows how the Hex color 0C1F20 looks on a white background.

Color Contrast Check

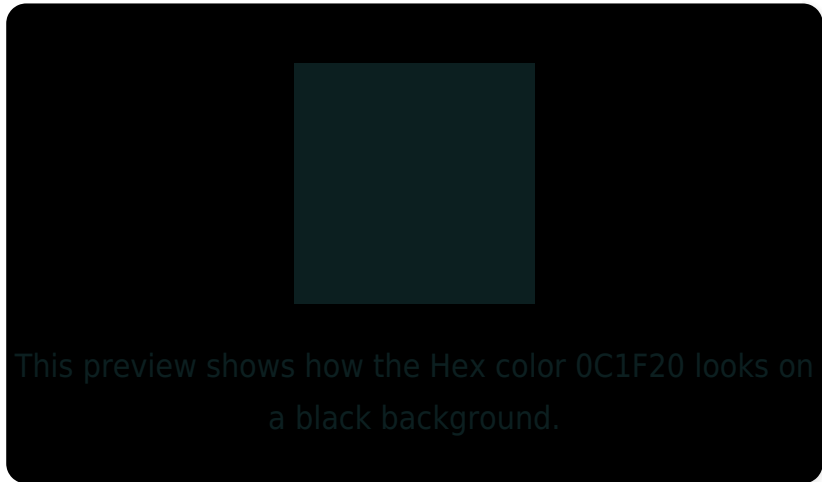
Large Text (above 18pt) WCAG AA ✓ Pass

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

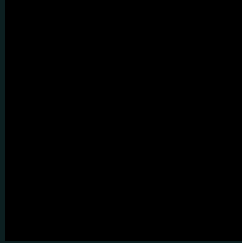
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

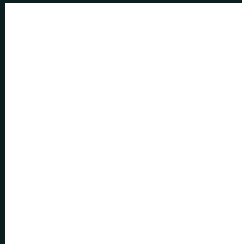
Any Text WCAG AAA × Fail

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

Hex 0C1F20 Background



This preview shows how black text looks on a background with the Hex color 0C1F20.

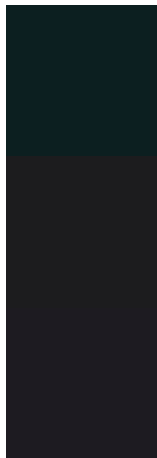


This preview shows how white text looks on a background with the Hex color 0C1F20.

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
0C1F20

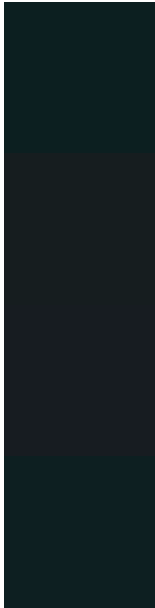
Protanopia
1C1C1E

Deuteranopia
1D1B21



Tritanopia
0D1F21

Trichromacy



Original Color
0C1F20

Protanomaly
161D1F

Deuteranomaly
171C21

Tritanomaly
0D1F21

Monochromacy



Original Color
0C1F20

Achromatopsia
191919

Achromatomaly
141B1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1F20 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 #0C1F20 looks like.

```
.text, #text, p{  
    color:#0C1F20  
}
```

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 #0C1F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1F20
}
```

Border

The CSS property to change the border of an element to Hex 0C1F20 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
#0C1F20 }
```

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

```
.border{ border-color:#0C1F20 }
```

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

Here you see how a box with a 4 pixel #0C1F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1F20; -webkit-box-shadow:4px 4px  
4px 4px #0C1F20; box-shadow:4px 4px 4px  
4px #0C1F20 }
```

Background

The CSS property to change the background color of an element to Hex 0C1F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1F20 }
```

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

```
.background{ background-color:#0C1F20 }
```

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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