

Converting Colors

Hex(0C1F27)

Have a look what the booklet for
Hex(0C1F27) contains.

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Color

Hex(0C1F27)

Conversions

Conversions Part 1

Format	Color
Hex	0C1F27
RGB	12, 31, 39
RGB Percent	5%, 12%, 15%
CMY	0.9529, 0.8784, 0.8471
CMYK	0.69, 0.21, 0.00, 0.85
HSL	198°, 53%, 10%
HSV	198°, 69%, 15%
XYZ	1.0078, 1.2046, 2.0989
YIQ	26.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

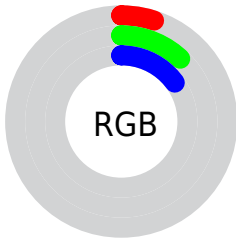
Format	Color
R_YB	12, 23, 39
Decimal	794407
CIE Lab	10.59, -4.77, -7.78
CIE LCh	11, 9.125, 238.469
Yxy	1.2046, 0.2338, 0.2794
Android (android.graphics.Color)	4278984487 (0xFF0C1F27)
YUV	26.2310, 6.2951, -12.4806
Hunter-Lab	10.9755, -2.8166, -3.6552

Details

The Hex color **0C1F27** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27140C**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **384B54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **081E27**, and if you desaturate by 10%, it is **102027**.

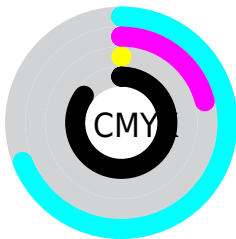
Distribution



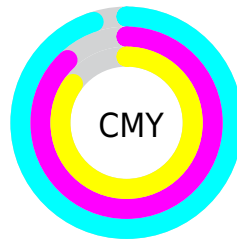
- Red (5%)
- Green (12%)
- Blue (15%)



- Red (5%)
- Yellow (9%)
- Blue (15%)



- Cyan (69%)
- Magenta (21%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1F27 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 0C1F27 by changing the saturation by 10% instead.

■ 0C1F27

■ 0C1F27

■ EFFFFFF

■ 000513

■ 384B54

■ 000000

■ 50636C

■ 687B85

■ 8195A0

■ 9CB0BA

■ B7CBD6

■ D2E7F3

■ 0C1F27

■ 0C1F27

■ 081E27

■ 102027

■ 041D27

■ 142127

■ 001C27

■ 182227

■ 001B27

■ 1C2427

■ 202527

■ 232627

■ 272727

■ 2B2827

■ 2F2927

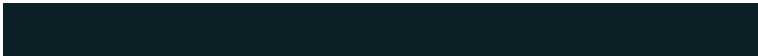
Harmonies

Analogous

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



092022



0C1F27



141D29

Triad

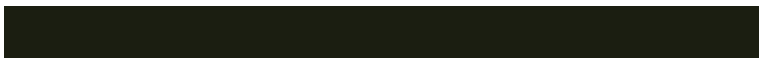
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C1F27



28181D



1B1E11

Complementary

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



0C1F27



27140C

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.



221C0F



0C1F27



291817

Square

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



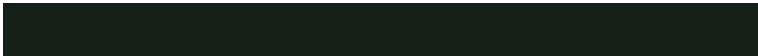
0C1F27



241923



261A12



141F16

Rectangle

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



0C1F27



1A1C28



261A12



1D1D10

Sweetspot

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



0C1F27



283033



0C2714



13181A



999999



1A1A1A

Same Dimension

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



0C1F27



092633



0C1227



121414



003B54



0095D4

Inverse Universe

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



270C1F



330926



27210C



141214



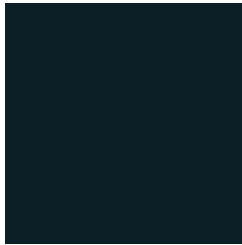
54003B



D40095

Previews

White Background



This preview shows how the Hex color 0C1F27 looks on a white background.

Color Contrast Check

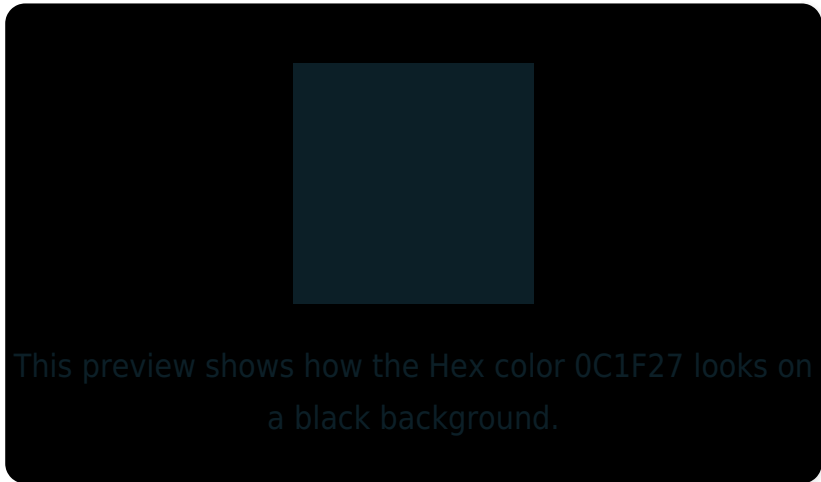
Large Text (above 18pt) WCAG AA ✓ Pass

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

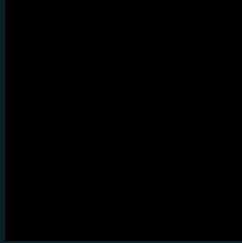
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

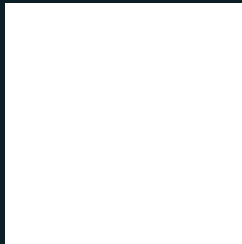
Any Text WCAG AAA × Fail

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

Hex 0C1F27 Background



This preview shows how black text looks on a background with the Hex color 0C1F27.



This preview shows how white text looks on a background with the Hex color 0C1F27.

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
0C1F27

Protanopia
1B1D25

Deuteranopia
191C28

Trichromacy



Original Color
0C1F27

Protanomaly
161E26

Deuteranomaly
141D28

Tritanomaly
0A2024

Monochromacy



Original Color
0C1F27

Achromatopsia
1A1A1A

Achromatomaly
151C1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1F27 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 #0C1F27 looks like.

```
.text, #text, p{  
    color:#0C1F27  
}
```

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 #0C1F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1F27
}
```

Border

The CSS property to change the border of an element to Hex 0C1F27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

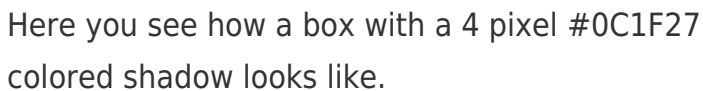
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C1F27 }
```

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

```
.border{ border-color:#0C1F27 }
```

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



Here you see how a box with a 4 pixel #0C1F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1F27; -webkit-box-shadow:4px 4px  
4px 4px #0C1F27; box-shadow:4px 4px 4px  
4px #0C1F27 }
```

Background

The CSS property to change the background color of an element to Hex 0C1F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1F27 }
```

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

```
.background{ background-color:#0C1F27 }
```

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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