

Converting Colors

Hex(0A0A1F)

Have a look what the booklet for
Hex(0A0A1F) contains.

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Color

Hex(0A0A1F)

Conversions

Conversions Part 1

Format	Color
Hex	0A0A1F
RGB	10, 10, 31
RGB Percent	4%, 4%, 12%
CMY	0.9608, 0.9608, 0.8784
CMYK	0.68, 0.68, 0.00, 0.88
HSL	240°, 51%, 8%
HSV	240°, 68%, 12%
XYZ	0.4810, 0.3805, 1.3444
YIQ	12.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

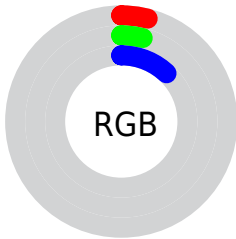
Format	Color
R_{YB}	10, 10, 31
Decimal	657951
CIE Lab	3.44, 4.89, -12.71
CIE LCh	3, 13.621, 291.034
Yxy	0.3805, 0.2181, 0.1725
Android (android.graphics.Color)	4278848031 (0xFF0A0A1F)
YUV	12.3940, 9.1728, -2.0995
Hunter-Lab	6.1688, 3.1239, -8.6034

Details

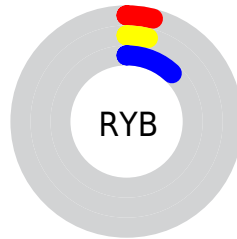
The Hex color **0A0A1F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1F1F0A**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **35364B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07071F**, and if you desaturate by 10%, it is **0D0D1F**.

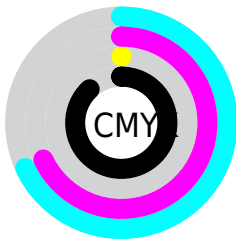
Distribution



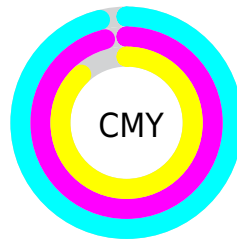
- Red (4%)
- Green (4%)
- Blue (12%)



- Red (4%)
- Yellow (4%)
- Blue (12%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (88%)



- Cyan (96%)
- Magenta (96%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0A1F 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 0A0A1F by changing the saturation by 10% instead.

■ 0A0A1F

■ 0A0A1F

■ EAEAFF

■ 000003

■ 35364B

■ 000000

■ 4C4D63

■ 64657C

■ 7D7E95

■ 9798B0

■ B2B2CC

■ CECEE8

■ 0A0A1F

■ 0A0A1F

■ 07071F

■ 0D0D1F

■ 04041F

■ 10101F

■ 01011F

■ 13131F

■ 00001F

■ 16161F

■ 1A1A1F

■ 1D1D1F

■ 20201F

■ 23231F

■ 26261F

Harmonies

Analogous

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



000F20



0A0A1F



18051A

Triad

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



0A0A1F



1E0500



001407

Complementary

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



0A0A1F



1F1F0A

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.



001200



0A0A1F



150A00

Square

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



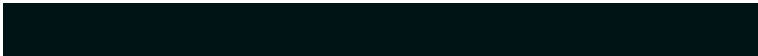
0A0A1F



210201



070F00



001415

Rectangle

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



0A0A1F



1D0315



070F00



001301

Sweetspot

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



0A0A1F



212129



0A1F1F



101014



949494



141414

Same Dimension

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



0A0A1F



080829



150A1F



0E0E0F



00004F



0000CF

Inverse Universe

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



1F0A1F



290829



151F0A



0F0E0F



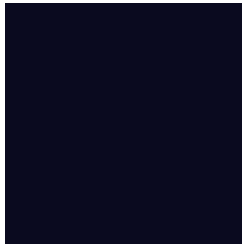
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 0A0A1F looks on a white background.

Color Contrast Check

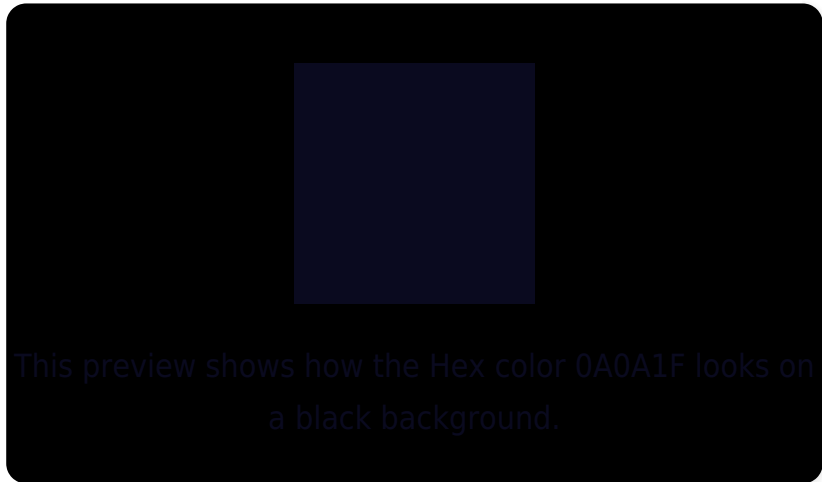
Large Text (above 18pt) WCAG AA ✓ Pass

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

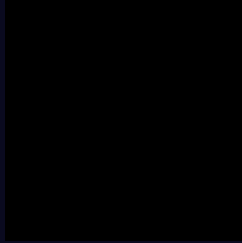
Any Text WCAG AA × Fail

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 0A0A1F Background



This preview shows how black text looks on a background with the Hex color 0A0A1F.



This preview shows how white text looks on a background with the Hex color 0A0A1F.

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

0A0A1F

Protanopia

000D1B

Deuteranopia

000D17



Tritanopia
000E10

Trichromacy



Original Color

0A0A1F

Protanomaly

040C1C

Deuteranomaly

040C1A

Tritanomaly

040D15

Monochromacy



Original Color

0A0A1F

Achromatopsia

0C0C0C

Achromatomaly

0B0B13

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0A1F 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 #0A0A1F looks like.

```
.text, #text, p{  
  color:#0A0A1F  
}
```

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 #0A0A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0A1F
}
```

Border

The CSS property to change the border of an element to Hex 0A0A1F 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
#0A0A1F }
```

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

```
.border{ border-color:#0A0A1F }
```

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

Here you see how a box with a 4 pixel #0A0A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0A1F; -webkit-box-shadow:4px 4px  
4px 4px #0A0A1F; box-shadow:4px 4px 4px  
4px #0A0A1F }
```

Background

The CSS property to change the background color of an element to Hex 0A0A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0A1F }
```

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

```
.background{ background-color:#0A0A1F }
```

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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