

Converting Colors

Hex(0C1938)

Have a look what the booklet for
Hex(0C1938) contains.

Hex(0C1938)	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(0C1938)

Conversions

Conversions Part 1

Format	Color
Hex	0C1938
RGB	12, 25, 56
RGB Percent	5%, 10%, 22%
CMY	0.9529, 0.9020, 0.7804
CMYK	0.79, 0.55, 0.00, 0.78
HSL	222°, 65%, 13%
HSV	222°, 79%, 22%
XYZ	1.2131, 1.0589, 3.8818
YIQ	24.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

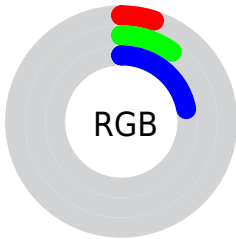
Format	Color
R_{YB}	12, 22, 56
Decimal	792888
CIE _{Lab}	9.47, 7.05, -21.91
CIE _{LCh}	9, 23.012, 287.838
Yxy	1.0589, 0.1971, 0.1721
Android (android.graphics.Color)	4278982968 (0xFF0C1938)
YUV	24.6470, 15.4570, -11.0914
Hunter-Lab	10.2905, 3.0334, -15.1623

Details

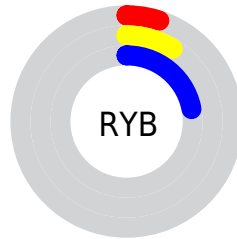
The Hex color **0C1938** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **382B0C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3C4467**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **061538**, and if you desaturate by 10%, it is **121D38**.

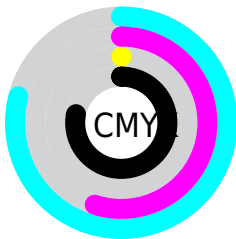
Distribution



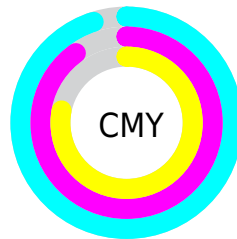
- Red (5%)
- Green (10%)
- Blue (22%)



- Red (5%)
- Yellow (9%)
- Blue (22%)



- Cyan (79%)
- Magenta (55%)
- Yellow (0%)
- Black (78%)



- Cyan (95%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1938 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 0C1938 by changing the saturation by 10% instead.

0C1938

0C1938

F6FBFF

000023

3C4467

000009

545B80

000000

6D739B

878DB5

A2A7D1

BDC2ED

D9DEFF

0C1938

0C1938

■ 061538

■ 121D38

■ 011138

■ 172138

■ 001138

■ 1D2538

■ 222938

■ 282D38

■ 2E3138

■ 333538

■ 393938

■ 3E3D38

Harmonies

Analogous

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



001E39



0C1938



26122F

Triad

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



0C1938



321000



002213

Complementary

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



0C1938



382B0C

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.



072000



0C1938



281700

Square

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



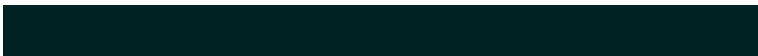
0C1938



360B11



1A1C00



002223

Rectangle

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



0C1938



300D26



1A1C00



00210C

Sweetspot

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



0C1938



383D4A



0C382B



1B1E26



A6A6A6



262626

Same Dimension

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



0C1938



04194A



150C38



191A1C



001B5C



0041DB

Inverse Universe

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



380C19



4A0419



2F380C



1C191A



5C001B



DB0041

Previews

White Background



This preview shows how the Hex color 0C1938 looks on a white background.

Color Contrast Check

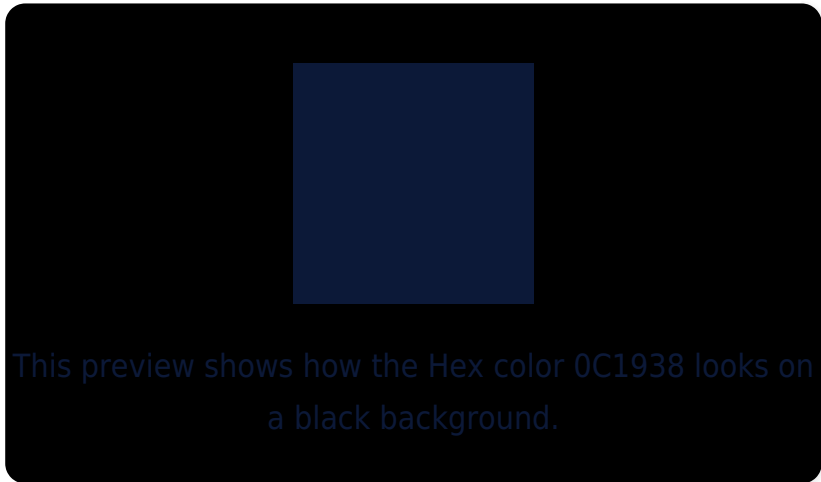
Large Text (above 18pt) WCAG AA ✓ Pass

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

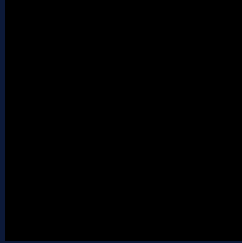
Any Text WCAG AA × Fail

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 0C1938 Background



This preview shows how black text looks on a background with the Hex color 0C1938.



This preview shows how white text looks on a background with the Hex color 0C1938.

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
0C1938

Protanopia
001A37

Deuteranopia
001C30



Tritanopia
001E20

Trichromacy



Original Color

0C1938

Protanomaly

041A37

Deuteranomaly

041B33

Tritanomaly

041C29

Monochromacy



Original Color

0C1938

Achromatopsia

191919

Achromatomaly

141924

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1938 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 #0C1938 looks like.

```
.text, #text, p{  
    color:#0C1938  
}
```

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 #0C1938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1938
}
```

Border

The CSS property to change the border of an element to Hex 0C1938 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
#0C1938 }
```

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

```
.border{ border-color:#0C1938 }
```

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

Here you see how a box with a 4 pixel #0C1938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1938; -webkit-box-shadow:4px 4px  
4px 4px #0C1938; box-shadow:4px 4px 4px  
4px #0C1938 }
```

Background

The CSS property to change the background color of an element to Hex 0C1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1938 }
```

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

```
.background{ background-color:#0C1938 }
```

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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