

Converting Colors

Hex(0C1218)

Have a look what the booklet for
Hex(0C1218) contains.

Hex(0C1218)	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(0C1218)

Conversions

Conversions Part 1

Format	Color
Hex	0C1218
RGB	12, 18, 24
RGB Percent	5%, 7%, 9%
CMY	0.9529, 0.9294, 0.9059
CMYK	0.50, 0.25, 0.00, 0.91
HSL	210°, 33%, 7%
HSV	210°, 50%, 9%
XYZ	0.5328, 0.5767, 0.9474
YIQ	16.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

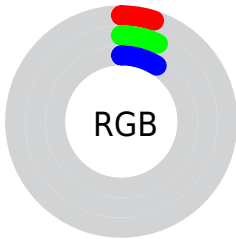
Format	Color
R_{YB}	12, 16, 24
Decimal	791064
CIE _{Lab}	5.21, -0.63, -4.57
CIE _{LCh}	5, 4.612, 262.158
Yxy	0.5767, 0.2590, 0.2804
Android (android.graphics.Color)	4278981144 (0xFF0C1218)
YUV	16.8900, 3.5052, -4.2885
Hunter-Lab	7.5942, -0.7667, -2.0805

Details

The Hex color **0C1218** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18120C**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **373C43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A1118**, and if you desaturate by 10%, it is **0E1318**.

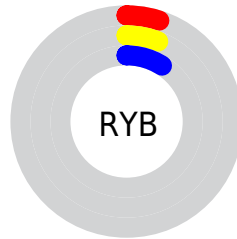
Distribution



Red (5%)

Green (7%)

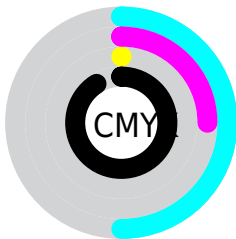
Blue (9%)



Red (5%)

Yellow (6%)

Blue (9%)

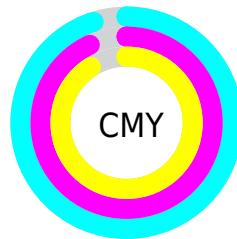


Cyan (50%)

Magenta (25%)

Yellow (0%)

Black (91%)



Cyan (95%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1218 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 0C1218 by changing the saturation by 10% instead.

■ 0C1218

■ 0C1218

■ ECF2FA

■ 000000

■ 373C43

■ 4E535A

■ 666C72

■ 7F858C

■ 999FA6

■ B4BAC1

■ CFD6DD

■ 0C1218

■ 0C1218

■ 0A1118

■ 0E1318

■ 071018

■ 111418

■ 050E18

■ 131618

■ 020D18

■ 161718

■ 000C18

■ 181818

■ 1A1918

■ 1D1A18

■ 1F1C18

■ 221D18

Harmonies

Analogous

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



071317



0C1218



111118

Triad

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



0C1218



190F0E



0D130C

Complementary

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



0C1218



18120C

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.



121209



0C1218



18100A

Square

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



0C1218



180F13



161108



081410

Rectangle

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



0C1218



141017



161108



0E130B

Sweetspot

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



0C1218



1A1C1F



0C1812



0D0E0F



8F8F8F



0F0F0F

Same Dimension

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



0C1218



0C151F



0C0C18



0B0C0D



00264D



0066CC

Inverse Universe

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



180C12



1F0C15



18180C



0D0B0C



4D0026



CC0066

Previews

White Background



This preview shows how the Hex color 0C1218 looks on a white background.

Color Contrast Check

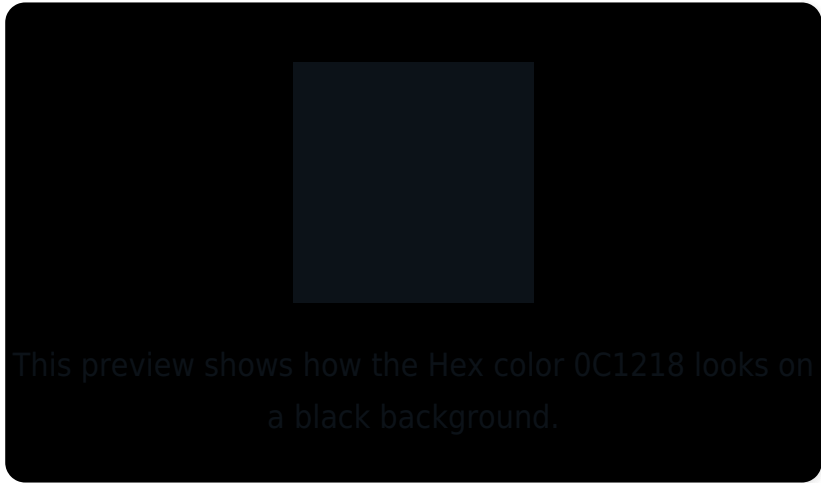
Large Text (above 18pt) WCAG AA ✓ Pass

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

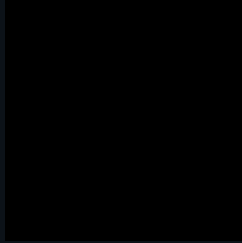
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

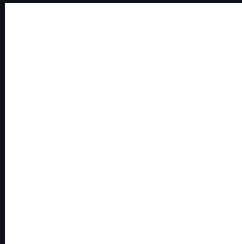
Any Text WCAG AAA × Fail

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

Hex 0C1218 Background



This preview shows how black text looks on a background with the Hex color 0C1218.

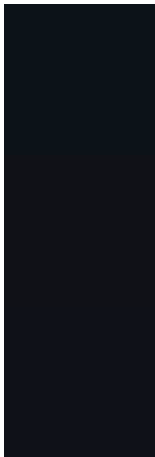


This preview shows how white text looks on a background with the Hex color 0C1218.

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](#).

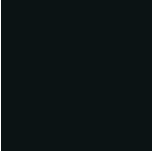
Dichromacy



Original Color
0C1218

Protanopia
101117

Deuteranopia
0F1118



Tritanopia
0B1314

Trichromacy



Original Color
OC1218

Protanomaly
OF1117

Deuteranomaly
OE1118

Tritanomaly
OB1315

Monochromacy



Original Color
OC1218

Achromatopsia
111111

Achromatomaly
OF1114

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1218 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 #0C1218 looks like.

```
.text, #text, p{  
    color:#0C1218  
}
```

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 #0C1218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1218
}
```

Border

The CSS property to change the border of an element to Hex 0C1218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

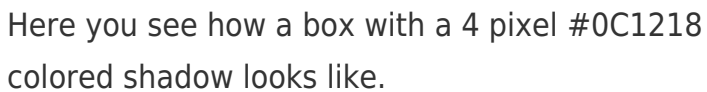
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C1218 }
```

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

```
.border{ border-color:#0C1218 }
```

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



Here you see how a box with a 4 pixel #0C1218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1218; -webkit-box-shadow:4px 4px  
4px 4px #0C1218; box-shadow:4px 4px 4px  
4px #0C1218 }
```

Background

The CSS property to change the background color of an element to Hex 0C1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1218 }
```

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

```
.background{ background-color:#0C1218 }
```

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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