

Converting Colors

Hex(0D1901)

Have a look what the booklet for
Hex(0D1901) contains.

Hex(0D1901)	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(0D1901)

Conversions

Conversions Part 1

Format	Color
Hex	0D1901
RGB	13, 25, 1
RGB Percent	5%, 10%, 0%
CMY	0.9490, 0.9020, 0.9961
CMYK	0.48, 0.00, 0.96, 0.90
HSL	90°, 92%, 5%
HSV	90°, 96%, 10%
XYZ	0.5191, 0.7830, 0.1525
YIQ	18.6760, 0.5520, -10.0080

Conversions

Conversions Part 2

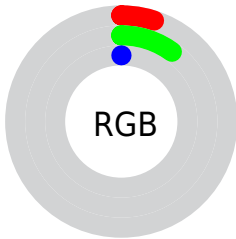
Format	Color
R_{YB}	1, 25, 13
Decimal	858369
CIE _{Lab}	7.07, -9.22, 10.01
CIE _{LCh}	7, 13.614, 132.646
Yxy	0.7830, 0.3569, 0.5383
Android (android.graphics.Color)	4279048449 (0xFF0D1901)
YUV	18.6760, -8.7143, -4.9779
Hunter-Lab	8.8488, -5.0143, 5.1724

Details

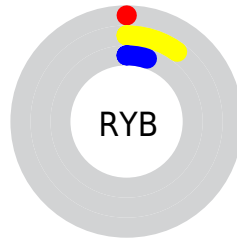
The Hex color **0D1901** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D0119**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **374430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1900**, and if you desaturate by 10%, it is **0E1904**.

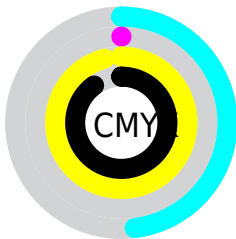
Distribution



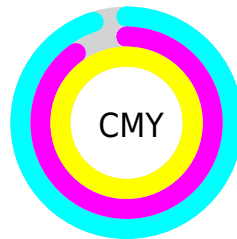
- Red (5%)
- Green (10%)
- Blue (0%)



- Red (0%)
- Yellow (10%)
- Blue (5%)



- Cyan (48%)
- Magenta (0%)
- Yellow (96%)
- Black (90%)



- Cyan (95%)
- Magenta (90%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1901 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 0D1901 by changing the saturation by 10% instead.

 0D1901

 0D1901

 ECFBE3

 000000

 374430

 4E5B47

 66745F

 808D77

 9AA891

 B4C3AC

 D0DFC7

 0D1901

 0D1901

■ 0D1900

■ 0E1904

■ 101906

■ 111909

■ 12190B

■ 13190E

■ 151910

■ 161913

■ 171915

■ 181918

Harmonies

Analogous

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



191600



0D1901



001B0F

Triad

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



0D1901



001827



270E11

Complementary

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



0D1901



0D0119

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.



240F1B



0D1901



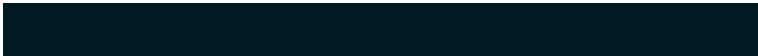
0E1527

Square

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



0D1901



001A22



1B1223



261004

Rectangle

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



0D1901



001B16



1B1223



260E15

Sweetspot

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



0D1901



1C2118



190D01



0F120C



919191



121212

Same Dimension

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



0D1901



112100



011901



0C0D0B



264D00



66CC00

Inverse Universe

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



0D0119



110021



190119



0C0B0D



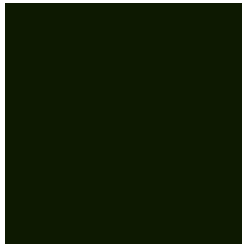
26004D



6600CC

Previews

White Background



This preview shows how the Hex color 0D1901 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

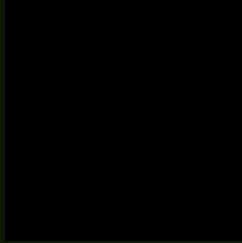
Any Text WCAG AA × Fail

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 0D1901 Background



This preview shows how black text looks on a background with the Hex color 0D1901.

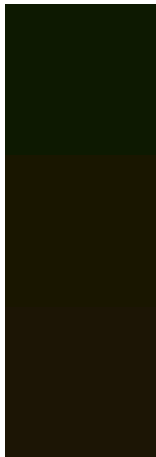


This preview shows how white text looks on a background with the Hex color 0D1901.

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
0D1901

Protanopia
191600

Deuteranopia
1C1505



Tritanopia
101719

Trichromacy



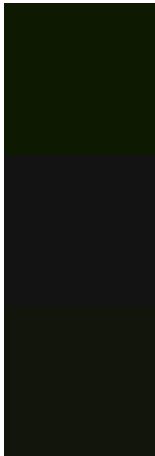
Original Color
OD1901

Protanomaly
151700

Deuteranomaly
171604

Tritanomaly
0F1810

Monochromacy



Original Color
OD1901

Achromatopsia
131313

Achromatomaly
11150C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1901 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 #0D1901 looks like.

```
.text, #text, p{  
    color:#0D1901  
}
```

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 #0D1901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1901
}
```

Border

The CSS property to change the border of an element to Hex 0D1901 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
#0D1901 }
```

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

```
.border{ border-color:#0D1901 }
```

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

Here you see how a box with a 4 pixel #0D1901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1901; -webkit-box-shadow:4px 4px  
4px 4px #0D1901; box-shadow:4px 4px 4px  
4px #0D1901 }
```

Background

The CSS property to change the background color of an element to Hex 0D1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1901 }
```

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

```
.background{ background-color:#0D1901 }
```

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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