

Converting Colors

Hex(1D0202)

Have a look what the booklet for
Hex(1D0202) contains.

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Color

Hex(1D0202)

Conversions

Conversions Part 1

Format	Color
Hex	1D0202
RGB	29, 2, 2
RGB Percent	11%, 1%, 1%
CMY	0.8863, 0.9922, 0.9922
CMYK	0.00, 0.93, 0.93, 0.89
HSL	0°, 87%, 6%
HSV	0°, 93%, 11%
XYZ	0.5394, 0.3090, 0.0886
YIQ	10.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

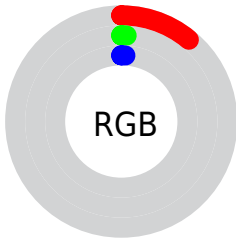
Format	Color
RYB	29, 2, 2
Decimal	1901058
CIELab	2.79, 10.06, 3.54
CIElCh	3, 10.669, 19.404
Yxy	0.3090, 0.5756, 0.3298
Android (android.graphics.Color)	4280091138 (0xFF1D0202)
YUV	10.0730, -3.9800, 16.5990
Hunter-Lab	5.5589, 7.5913, 2.9457

Details

The Hex color **1D0202** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021D1D**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **473131**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0000**, and if you desaturate by 10%, it is **1D0505**.

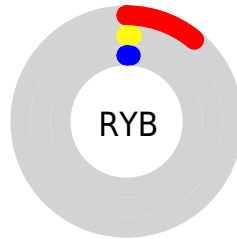
Distribution



Red (11%)

Green (1%)

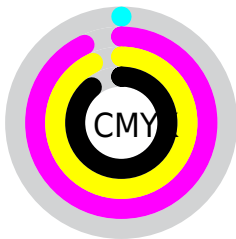
Blue (1%)



Red (11%)

Yellow (1%)

Blue (1%)

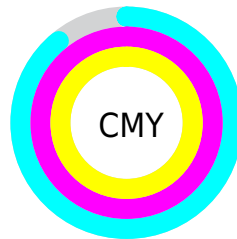


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (89%)



Cyan (89%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0202 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 1D0202 by changing the saturation by 10% instead.

 1D0202

 1D0202

 FFE4E4

 000000

 473131

 5F4748

 785F60

 927878

 AC9292

 C8ACAD

 E4C8C8

 1D0202

 1D0202

■ 1D0000

■ 1D0505

■ 1D0808

■ 1D0B0B

■ 1D0E0E

■ 1D1111

■ 1D1313

■ 1D1616

■ 1D1919

■ 1D1C1C

Harmonies

Analogous

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



1B020F



1D0202



1A0400

Triad

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



1D0202



000F00



000D1B

Complementary

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



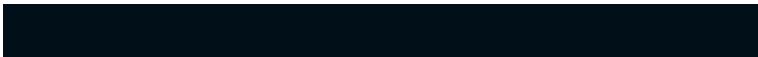
1D0202



021D1D

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.



000F18



1D0202



001105

Square

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



1D0202



060C00



001111



08081A

Rectangle

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



1D0202



150700



001111



000E1A

Sweetspot

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



1D0202



261C1C



1D021D



140D0D



949494



141414

Same Dimension

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



1D0202



260000



1D1002



0F0E0E



4F0000



CF0000

Inverse Universe

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



021D1D



002626



02101D



0E0F0F



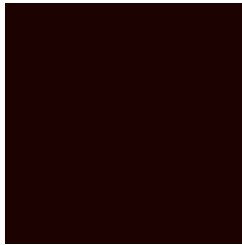
004F4F



00CFCF

Previews

White Background



This preview shows how the Hex color 1D0202 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

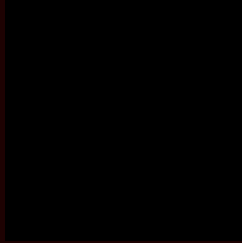
Any Text WCAG AA × Fail

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 1D0202 Background



This preview shows how black text looks on a background with the Hex color 1D0202.

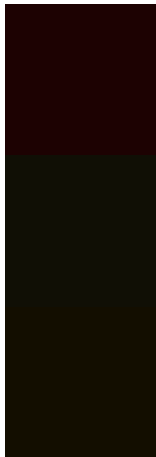


This preview shows how white text looks on a background with the Hex color 1D0202.

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](#).

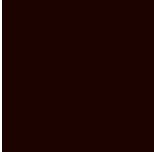
Dichromacy



Original Color
1D0202

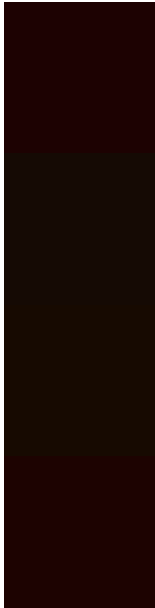
Protanopia
100F05

Deuteranopia
130E00



Tritanopia
1D0300

Trichromacy



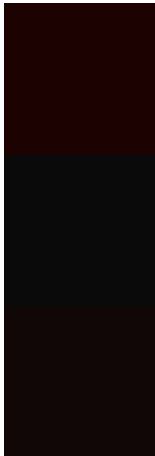
Original Color
1D0202

Protanomaly
150A04

Deuteranomaly
170A01

Tritanomaly
1D0301

Monochromacy



Original Color
1D0202

Achromatopsia
0A0A0A

Achromatomaly
110707

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0202 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 #1D0202 looks like.

```
.text, #text, p{  
    color:#1D0202  
}
```

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 #1D0202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0202
}
```

Border

The CSS property to change the border of an element to Hex 1D0202 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".

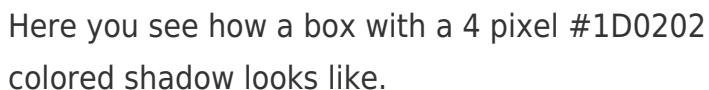
```
.border, #border, table{ border:4px solid
#1D0202 }
```

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

```
.border{ border-color:#1D0202 }
```

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

Here you see how a box with a 4 pixel #1D0202 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and right sides. Below the box, there is a thick dark red horizontal bar that extends across the width of the box, creating a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0202; -webkit-box-shadow:4px 4px  
4px 4px #1D0202; box-shadow:4px 4px 4px  
4px #1D0202 }
```

Background

The CSS property to change the background color of an element to Hex 1D0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0202 }
```

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

```
.background{ background-color:#1D0202 }
```

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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