

Converting Colors

Hex(1D1E12)

Have a look what the booklet for
Hex(1D1E12) contains.

Hex(1D1E12)	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(1D1E12)

Conversions

Conversions Part 1

Format	Color
Hex	1D1E12
RGB	29, 30, 18
RGB Percent	11%, 12%, 7%
CMY	0.8863, 0.8824, 0.9294
CMYK	0.03, 0.00, 0.40, 0.88
HSL	65°, 25%, 9%
HSV	65°, 40%, 12%
XYZ	1.0801, 1.2334, 0.7534
YIQ	28.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

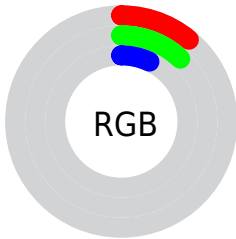
Format	Color
R_{YB}	18, 30, 19
Decimal	1908242
CIE Lab	10.80, -3.11, 7.85
CIE LCh	11, 8.442, 111.627
Yxy	1.2334, 0.3522, 0.4022
Android (android.graphics.Color)	4280098322 (0xFF1D1E12)
YUV	28.3330, -5.0942, 0.5850
Hunter-Lab	11.1060, -2.0749, 3.7521

Details

The Hex color **1D1E12** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13121E**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **494A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D1E0F**, and if you desaturate by 10%, it is **1D1E15**.

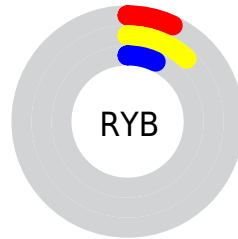
Distribution



Red (11%)

Green (12%)

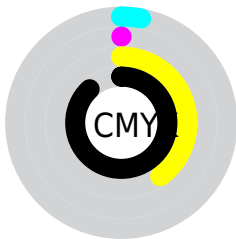
Blue (7%)



Red (7%)

Yellow (12%)

Blue (7%)

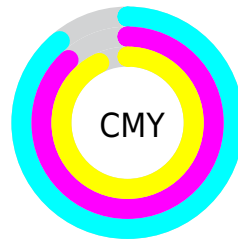


Cyan (3%)

Magenta (0%)

Yellow (40%)

Black (88%)



Cyan (89%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1E12 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 1D1E12 by changing the saturation by 10% instead.

■ 1D1E12

■ 1D1E12

■ FFFFF2

■ 000500

■ 494A3C

■ 000000

■ 606153

■ 797A6C

■ 939485

■ AEAE9F

■ C9CABA

■ E5E6D6

■ 1D1E12

■ 1D1E12

■ 1D1E0F

■ 1D1E15

■ 1C1E0C

■ 1D1E18

■ 1C1E09

■ 1E1E1B

■ 1C1E06

■ 1E1E1E

■ 1C1E03

■ 1E1E21

■ 1B1E00

■ 1F1E24

■ 1F1E27

■ 1F1E2A

■ 1F1E2D

Harmonies

Analogous

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



231C11



1D1E12



161F16

Triad

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



1D1E12



0D2026



27191F

Complementary

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



1D1E12



13121E

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.



231A24



1D1E12



141E28

Square

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



1D1E12



0C2021



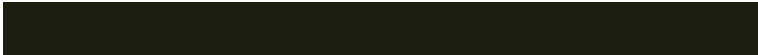
1C1C28



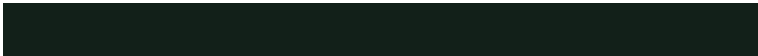
291919

Rectangle

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



1D1E12



122019



1C1C28



261921

Sweetspot

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



1D1E12



262622



1E1312



141412



949494



141414

Same Dimension

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



1D1E12



252614



171E12



0F0F0E



484F00



BDCF00

Inverse Universe

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



13121E



151426



19121E



0E0E0F



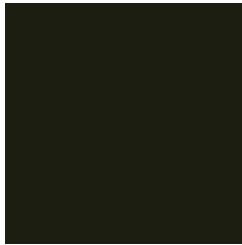
07004F



1100CF

Previews

White Background



This preview shows how the Hex color 1D1E12 looks on a white background.

Color Contrast Check

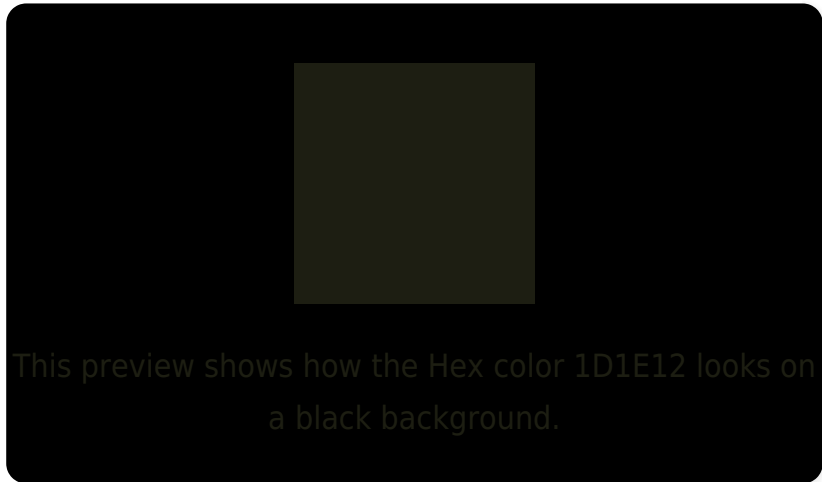
Large Text (above 18pt) WCAG AA ✓ Pass

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

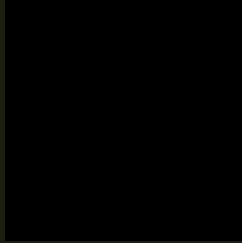
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

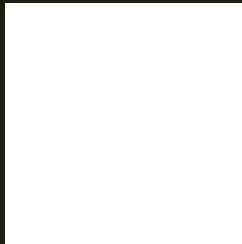
Any Text WCAG AAA × Fail

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

Hex 1D1E12 Background



This preview shows how black text looks on a background with the Hex color 1D1E12.

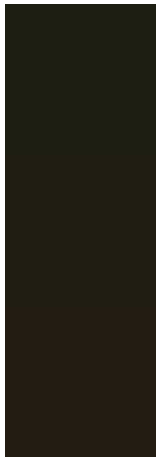


This preview shows how white text looks on a background with the Hex color 1D1E12.

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

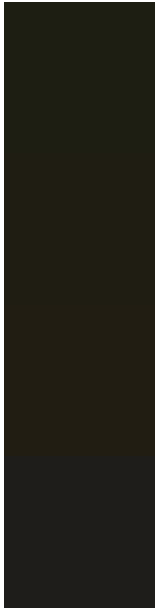


Original Color
1D1E12

Protanopia
201D12

Deuteranopia
231C12

Trichromacy



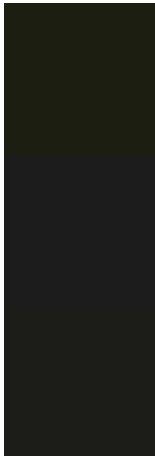
Original Color
1D1E12

Protanomaly
1F1D12

Deuteranomaly
211D12

Tritanomaly
1E1D1A

Monochromacy



Original Color
1D1E12

Achromatopsia
1C1C1C

Achromatomaly
1C1D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1E12 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 #1D1E12 looks like.

```
.text, #text, p{  
    color:#1D1E12  
}
```

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 #1D1E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1E12
}
```

Border

The CSS property to change the border of an element to Hex 1D1E12 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
#1D1E12 }
```

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

```
.border{ border-color:#1D1E12 }
```

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

Here you see how a box with a 4 pixel #1D1E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D1E12; -webkit-box-shadow:4px 4px  
4px 4px #1D1E12; box-shadow:4px 4px 4px  
4px #1D1E12 }
```

Background

The CSS property to change the background color of an element to Hex 1D1E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D1E12 }
```

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

```
.background{ background-color:#1D1E12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor