

Converting Colors

Hex(1D2D20)

Have a look what the booklet for
Hex(1D2D20) contains.

Hex(1D2D20)	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(1D2D20)

Conversions

Conversions Part 1

Format	Color
Hex	1D2D20
RGB	29, 45, 32
RGB Percent	11%, 18%, 13%
CMY	0.8863, 0.8235, 0.8745
CMYK	0.36, 0.00, 0.29, 0.82
HSL	131°, 22%, 15%
HSV	131°, 36%, 18%
XYZ	1.7058, 2.2423, 1.7094
YIQ	38.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

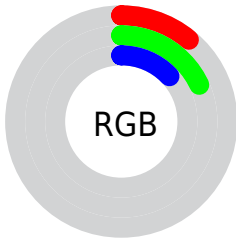
Format	Color
RYB	29, 42, 45
Decimal	1912096
CIELab	16.71, -10.09, 6.32
CIELCh	17, 11.901, 147.935
Yxy	2.2423, 0.3015, 0.3963
Android (android.graphics.Color)	4280102176 (0xFF1D2D20)
YUV	38.7340, -3.3199, -8.5367
Hunter-Lab	14.9742, -5.8710, 3.7136

Details

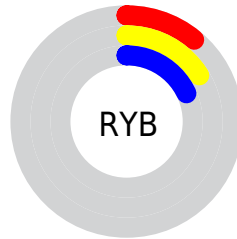
The Hex color **1D2D20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D1D2A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **495B4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182D1C**, and if you desaturate by 10%, it is **222D24**.

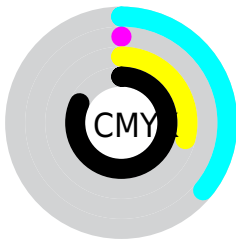
Distribution



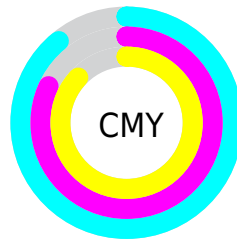
- Red (11%)
- Green (18%)
- Blue (13%)



- Red (11%)
- Yellow (16%)
- Blue (18%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (82%)



- Cyan (89%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D2D20 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 1D2D20 by changing the saturation by 10% instead.

■ 1D2D20

■ 1D2D20

FFFFFF

■ 051909

■ 495B4C

■ 000000

■ 617364

■ 7A8D7D

■ 94A797

■ AFC3B1

■ CADECD

■ E6FBE9

■ 1D2D20

■ 1D2D20

■ 182D1C

■ 222D24

■ 142D19

■ 262D27

■ 0F2D15

■ 2B2D2B

■ 0B2D11

■ 2F2D2F

■ 062D0E

■ 342D32

■ 022D0A

■ 382D36

■ 002D08

■ 3D2D3A

■ 412D3D

■ 462D41

Harmonies

Analogous

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



272B1A



1D2D20



132E28

Triad

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



1D2D20



1D2A3A



3A2322

Complementary

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



1D2D20



2D1D2A

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.



39232A



1D2D20



2A2738

Square

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



1D2D20



112D37



342432



37261B

Rectangle

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



1D2D20



0E2E2E



342432



3A2324

Sweetspot

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



1D2D20



343B35



2A2D1D



1B1F1B



9E9E9E



1F1F1F

Same Dimension

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



1D2D20



213B26



1D2D28



151715



005710



00D628

Inverse Universe

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



2D1D2A



3B2136



2D1D22



171517



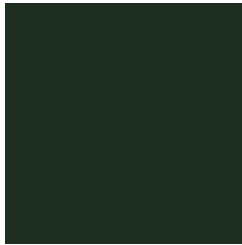
570046



D600AE

Previews

White Background



This preview shows how the Hex color 1D2D20 looks on a white background.

Color Contrast Check

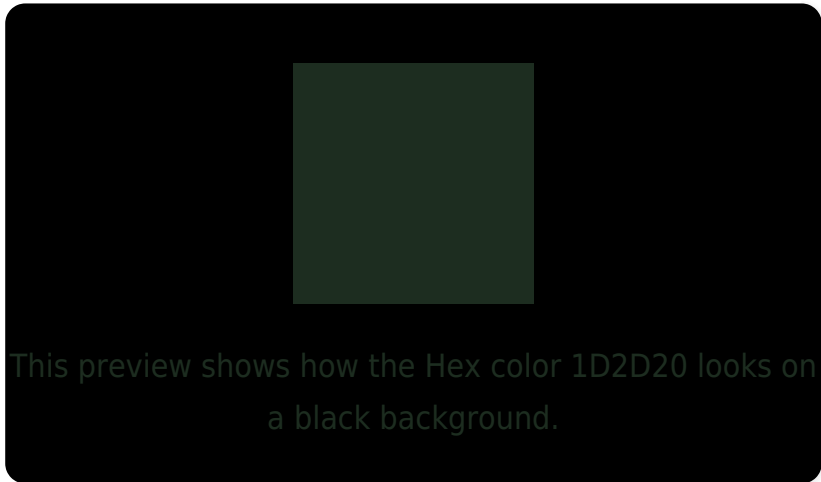
Large Text (above 18pt) WCAG AA ✓ Pass

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

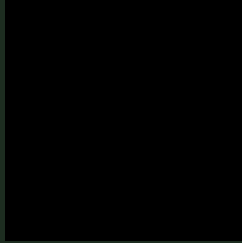
Any Text WCAG AA × Fail

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 1D2D20 Background



This preview shows how black text looks on a background with the Hex color 1D2D20.

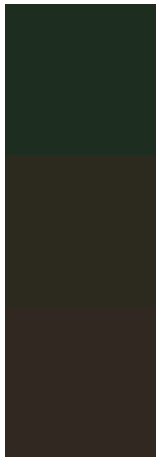


This preview shows how white text looks on a background with the Hex color 1D2D20.

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

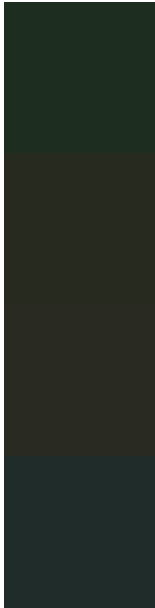


Original Color
1D2D20

Protanopia
2C291E

Deuteranopia
302821

Trichromacy



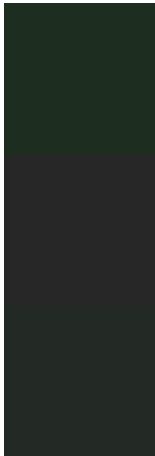
Original Color
1D2D20

Protanomaly
272A1F

Deuteranomaly
292A21

Tritanomaly
1F2C2A

Monochromacy



Original Color
1D2D20

Achromatopsia
272727

Achromatomaly
232924

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D2D20 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 #1D2D20 looks like.

```
.text, #text, p{  
    color:#1D2D20  
}
```

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 #1D2D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D2D20
}
```

Border

The CSS property to change the border of an element to Hex 1D2D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

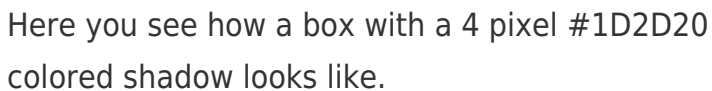
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D2D20 }
```

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

```
.border{ border-color:#1D2D20 }
```

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



Here you see how a box with a 4 pixel #1D2D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D2D20; -webkit-box-shadow:4px 4px  
4px 4px #1D2D20; box-shadow:4px 4px 4px  
4px #1D2D20 }
```

Background

The CSS property to change the background color of an element to Hex 1D2D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D2D20 }
```

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

```
.background{ background-color:#1D2D20 }
```

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