Converting Colors

Hex(1D1D2C)

Have a look what the booklet for Hex(1D1D2C) contains.

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Color

Hex(1D1D2C)

Conversions

Conversions Part 1

Format	Color
Hex	1D1D2C
RGB	29, 29, 44
RGB Percent	11%, 11%, 17%
CMY	0.8863, 0.8863, 0.8275
CMYK	0.34, 0.34, 0.00, 0.83
HSL	240°, 21%, 14%
HSV	240°, 34%, 17%
XYZ	1.4007, 1.3218, 2.5642
YIQ	30.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

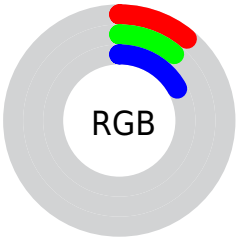
Format	Color
RYB	29, 29, 44
Decimal	1908012
CIELab	11.43, 4.36, -10.04
CIELCh	11, 10.947, 293.499
Yxy	1.3218, 0.2649, 0.2500
Android (android.graphics.Color)	4280098092 (0xFF1D1D2C)
YUV	30.7100, 6.5520, -1.4997
Hunter-Lab	11.4969, 1.6273, -5.1757

Details

The Hex color 1D1D2C is a dark color, and the websafe version is hex 333333. A complement of this color would be 2C2C1D, and the grayscale version is 1F1F1F.

A 20% lighter version of the original color is 49485A, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 19192C, and if you desaturate by 10%, it is 21212C.

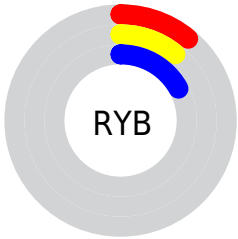
Distribution



Red (11%)

Green (11%)

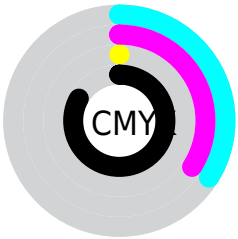
Blue (17%)



Red (11%)

Yellow (11%)

Blue (17%)

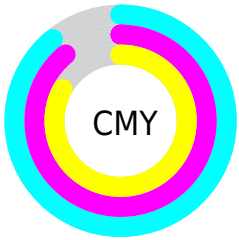


Cyan (34%)

Magenta (34%)

Yellow (0%)

Black (83%)



Cyan (89%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D1D2C 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 1D1D2C by changing the saturation by 10% instead.

1D1D2C

FFFFFF

49485A

616072

7A798C

9493A6

AEADC1

CAC8DD

E6E4FA

1D1D2C

050318

000000

1D1D2C

1D1D2C

19192C

14142C

10102C

0B0B2C

07072C

03032C

00002C

21212C

26262C

2A2A2C

2F2F2C

33332C

37372C

3C3C2C

40402C

45452C

Harmonies

Analogous

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

11202D

1D1D2C

261A27

Triad

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

1D1D2C

2B1B12

0C221C

Complementary

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

1D1D2C

2C2C1D

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.

152115

1D1D2C

251D0E

Square

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

1D1D2C

2D1919

1E2010

052224

Rectangle

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

1D1D2C

2A1923

1E2010

0F221A

Sweetspot

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

1D1D2C

323238

1D2C2C

19191C

9C9C9C

1C1C1C

Same Dimension

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

1D1D2C

212138

251D2C

151517

000057

0000D6

Inverse Universe

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

2C1D2C

382138

252C1D

171517

570057

D600D6

Previews

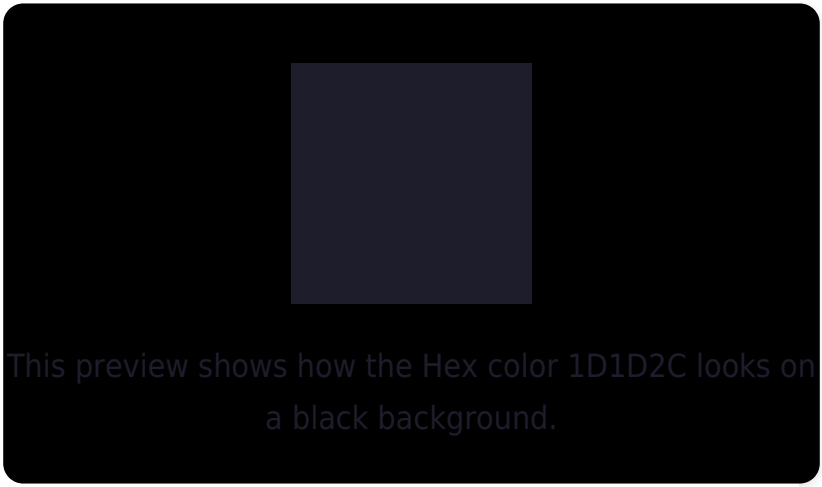
White Background

This preview shows how the Hex color 1D1D2C 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

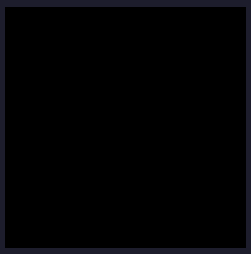


Color Contrast Check

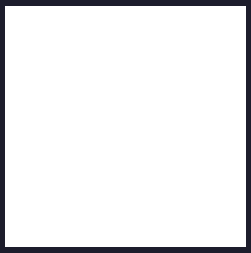
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 1D1D2C Background



This preview shows how black text looks on a background with the Hex color 1D1D2C.



This preview shows how white text looks on a background with the Hex color 1D1D2C.

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
1D1D2C

Protanopia
191E2D

Deuteranopia
191E2C

Tritanopia
1B1F22

Trichromacy

Original Color
1D1D2C

Protanomaly
1A1E2D

Deuteranomaly
1A1E2C

Tritanomaly
1C1E26

Monochromacy

Original Color
1D1D2C

Achromatopsia
1F1F1F

Achromatomaly
1E1E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D1D2C 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 #1D1D2C looks like.

```
.text, #text, p{
    color:#1D1D2C
}
```

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 #1D1D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D1D2C
}
```

Border

The CSS property to change the border of an element to Hex 1D1D2C 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
#1D1D2C }
```

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

```
.border{ border-color:#1D1D2C }
```

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

Here you see how a box with a 4 pixel #1D1D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #1D1D2C; -webkit-box-shadow:4px 4px 4px 4px #1D1D2C; box-shadow:4px 4px 4px 4px #1D1D2C }
```

Background

The CSS property to change the background color of an element to Hex 1D1D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#1D1D2C }
```

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

```
.background{ background-color:#1D1D2C }
```

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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