

Converting Colors

Hex(2D1F19)

Have a look what the booklet for
Hex(2D1F19) contains.

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Color

Hex(2D1F19)

Conversions

Conversions Part 1

Format	Color
Hex	2D1F19
RGB	45, 31, 25
RGB Percent	18%, 12%, 10%
CMY	0.8235, 0.8784, 0.9020
CMYK	0.00, 0.31, 0.44, 0.82
HSL	18°, 29%, 14%
HSV	18°, 44%, 18%
XYZ	1.7476, 1.6080, 1.1380
YIQ	34.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

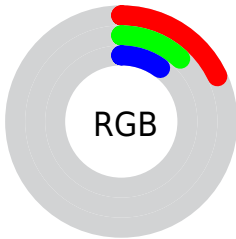
Format	Color
R_YB	45, 34, 25
Decimal	2957081
CIE Lab	13.28, 5.77, 6.75
CIE LCh	13, 8.881, 49.507
Yxy	1.6080, 0.3889, 0.3578
Android (android.graphics.Color)	4281147161 (0xFF2D1F19)
YUV	34.5020, -4.6845, 9.2067
Hunter-Lab	12.6809, 2.4088, 3.5560

Details

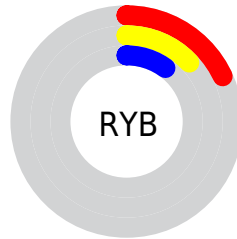
The Hex color **2D1F19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19272D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5B4B44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1C14**, and if you desaturate by 10%, it is **2D221D**.

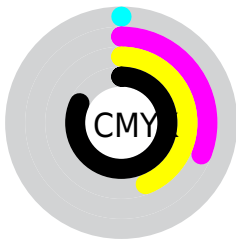
Distribution



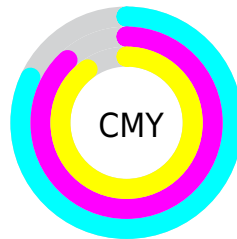
- Red (18%)
- Green (12%)
- Blue (10%)



- Red (18%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (82%)



- Cyan (82%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1F19 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 2D1F19 by changing the saturation by 10% instead.

■ 2D1F19

■ 2D1F19

FFFFFC

■ 1A0700

■ 5B4B44

■ 000000

■ 74635B

■ 8E7C74

■ A9958D

■ C4B0A8

■ E0CBC3

■ FDE8DF

■ 2D1F19

■ 2D1F19

■ 2D1C14

■ 2D221D

■ 2D1910

■ 2D2522

■ 2D160B

■ 2D2827

■ 2D1207

■ 2D2C2B

■ 2D0F02

■ 2D2F30

■ 2D0D00

■ 2D3234

■ 2D3539

■ 2D383D

■ 2D3B42

Harmonies

Analogous

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



2F1E1E



2D1F19



292116

Triad

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



2D1F19



152520



20212E

Complementary

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



2D1F19



19272D

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.



17232E



2D1F19



102626

Square

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



2D1F19



1B251A



11252B



281F2A

Rectangle

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



2D1F19



252216



11252B



1D222E

Sweetspot

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



2D1F19



3B3533



2D1927



1F1B1A



9E9E9E



1F1F1F

Same Dimension

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



2D1F19



3B251C



2D2919



171515



571A00



D64000

Inverse Universe

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



19272D



1C313B



191D2D



151617



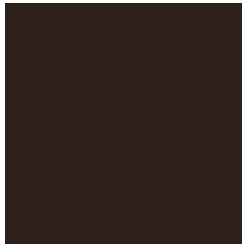
003D57



0096D6

Previews

White Background



This preview shows how the Hex color 2D1F19 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

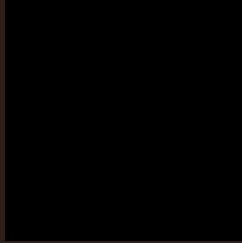
Any Text WCAG AA × Fail

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 2D1F19 Background



This preview shows how black text looks on a background with the Hex color 2D1F19.



This preview shows how white text looks on a background with the Hex color 2D1F19.

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

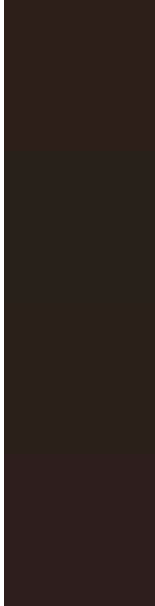


Original Color
2D1F19

Protanopia
25221A

Deuteranopia
292119

Trichromacy



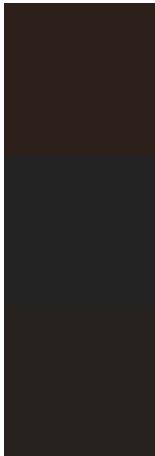
Original Color
2D1F19

Protanomaly
28211A

Deuteranomaly
2A2019

Tritanomaly
2E1E1D

Monochromacy



Original Color
2D1F19

Achromatopsia
232323

Achromatomaly
27221F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1F19 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 #2D1F19 looks like.

```
.text, #text, p{  
    color:#2D1F19  
}
```

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 #2D1F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1F19
}
```

Border

The CSS property to change the border of an element to Hex 2D1F19 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
#2D1F19 }
```

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

```
.border{ border-color:#2D1F19 }
```

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

Here you see how a box with a 4 pixel #2D1F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1F19; -webkit-box-shadow:4px 4px  
4px 4px #2D1F19; box-shadow:4px 4px 4px  
4px #2D1F19 }
```

Background

The CSS property to change the background color of an element to Hex 2D1F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1F19 }
```

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

```
.background{ background-color:#2D1F19 }
```

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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