

Converting Colors

Hex(271D20)

Have a look what the booklet for
Hex(271D20) contains.

Hex(271D20)	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(271D20)

Conversions

Conversions Part 1

Format	Color
Hex	271D20
RGB	39, 29, 32
RGB Percent	15%, 11%, 13%
CMY	0.8471, 0.8863, 0.8745
CMYK	0.00, 0.26, 0.18, 0.85
HSL	342°, 15%, 13%
HSV	342°, 26%, 15%
XYZ	1.5368, 1.4143, 1.5585
YIQ	32.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

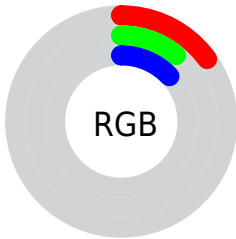
Format	Color
RYB	39, 29, 32
Decimal	2563360
CIELab	12.05, 5.52, -0.19
CIElCh	12, 5.519, 357.995
Yxy	1.4143, 0.3408, 0.3136
Android (android.graphics.Color)	4280753440 (0xFF271D20)
YUV	32.3320, -0.1637, 5.8478
Hunter-Lab	11.8926, 2.2538, 0.5551

Details

The Hex color **271D20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2724**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **54494C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **27191D**, and if you desaturate by 10%, it is **272123**.

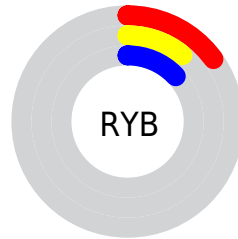
Distribution



Red (15%)

Green (11%)

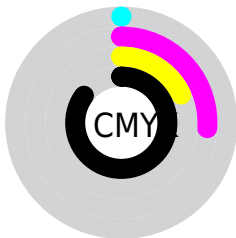
Blue (13%)



Red (15%)

Yellow (11%)

Blue (13%)

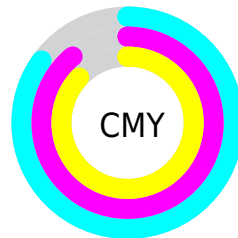


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (85%)



Cyan (85%)

Magenta (89%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271D20 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 271D20 by changing the saturation by 10% instead.

■ 271D20

■ 271D20

FFFFFF

■ 130308

■ 54494C

■ 000000

■ 6C6064

■ 86797D

■ A09396

■ BBADB1

■ D7C9CD

■ F3E5E9

■ 271D20

■ 271D20

■ 27191D

■ 272123

■ 27151B

■ 272525

■ 271118

■ 272928

■ 270D15

■ 272D2B

■ 270912

■ 27312E

■ 270610

■ 273430

■ 27020D

■ 273833

■ 27000C

■ 273C36

■ 274039

Harmonies

Analogous

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



241E24



271D20



281D1C

Triad

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



271D20



1F2019



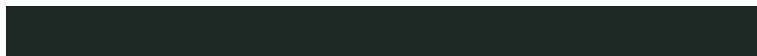
172126

Complementary

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



271D20



1D2724

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.



162223



271D20



1A211B

Square

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



271D20



231F18



17221F



1B2027

Rectangle

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



271D20



271E1A



17221F



162125

Sweetspot

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



271D20



332F30



241D27



1A1718



999999



1A1A1A

Same Dimension

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



271D20



332328



271F1D



141213



540019



D4003F

Inverse Universe

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



271D20



332328



1D2527



141213



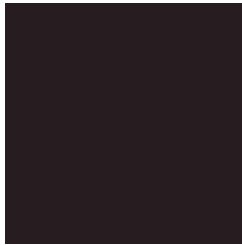
540019



D4003F

Previews

White Background



This preview shows how the Hex color 271D20 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

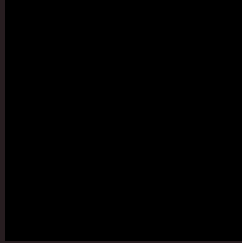
Any Text WCAG AA × Fail

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 271D20 Background



This preview shows how black text looks on a background with the Hex color 271D20.

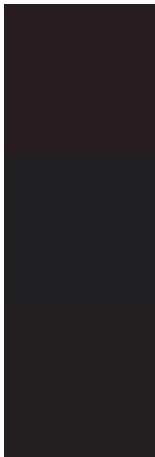


This preview shows how white text looks on a background with the Hex color 271D20.

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
271D20

Protanopia
202022

Deuteranopia
231F20



Tritanopia
271D1F

Trichromacy



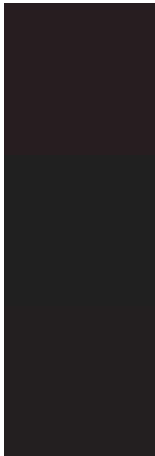
Original Color
271D20

Protanomaly
231F21

Deuteranomaly
241E20

Tritanomaly
271D1F

Monochromacy



Original Color
271D20

Achromatopsia
202020

Achromatomaly
231F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 271D20 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 #271D20 looks like.

```
.text, #text, p{  
    color:#271D20  
}
```

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 #271D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271D20
}
```

Border

The CSS property to change the border of an element to Hex 271D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

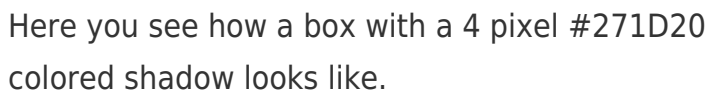
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271D20 }
```

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

```
.border{ border-color:#271D20 }
```

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



Here you see how a box with a 4 pixel #271D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271D20; -webkit-box-shadow:4px 4px  
4px 4px #271D20; box-shadow:4px 4px 4px  
4px #271D20 }
```

Background

The CSS property to change the background color of an element to Hex 271D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271D20 }
```

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

```
.background{ background-color:#271D20 }
```

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