

Converting Colors

Hex(27201D)

Have a look what the booklet for
Hex(27201D) contains.

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Color

Hex(27201D)

Conversions

Conversions Part 1

Format	Color
Hex	27201D
RGB	39, 32, 29
RGB Percent	15%, 13%, 11%
CMY	0.8471, 0.8745, 0.8863
CMYK	0.00, 0.18, 0.26, 0.85
HSL	18°, 15%, 13%
HSV	18°, 26%, 15%
XYZ	1.5750, 1.5531, 1.3792
YIQ	33.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

Format	Color
RYB	39, 33, 29
Decimal	2564125
CIELab	12.94, 2.72, 3.28
CIELCh	13, 4.262, 50.272
Yxy	1.5531, 0.3494, 0.3446
Android (android.graphics.Color)	4280754205 (0xFF27201D)
YUV	33.7510, -2.3422, 4.6034
Hunter-Lab	12.4622, 0.7501, 2.1621

Details

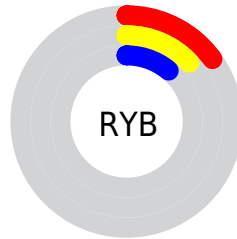
The Hex color **27201D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2427**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **544C48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271D19**, and if you desaturate by 10%, it is **272321**.

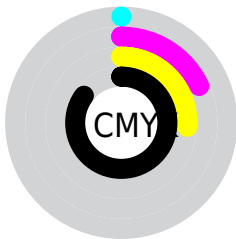
Distribution



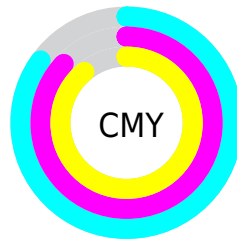
- Red (15%)
- Green (13%)
- Blue (11%)



- Red (15%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (85%)



- Cyan (85%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27201D 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 27201D by changing the saturation by 10% instead.

■ 27201D

■ 27201D

FFFFFF

■ 130803

■ 544C48

■ 000000

■ 6C6460

■ 867D79

■ A09693

■ BBB1AD

■ D7CDC8

■ F3E9E5

■ 27201D

■ 27201D

■ 271D19

■ 272321

■ 271B15

■ 272525

■ 271811

■ 272829

■ 27150D

■ 272B2D

■ 271209

■ 272E31

■ 271006

■ 273034

■ 270D02

■ 273338

■ 270C00

■ 27363C

■ 273940

Harmonies

Analogous

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



281F1F



27201D



25211C

Triad

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



27201D



1B2320



212127

Complementary

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



27201D



1D2427

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.



1D2227



27201D



1A2323

Square

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



27201D



1E231E



1B2326



242025

Rectangle

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



27201D



23221C



1B2326



202127

Sweetspot

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



27201D



33302F



271D24



1A1817



999999



1A1A1A

Same Dimension

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



27201D



332823



27251D



141312



541900



D43F00

Inverse Universe

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



1D2427



232E33



1D1F27



121414



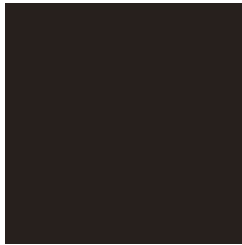
003B54



0094D4

Previews

White Background



This preview shows how the Hex color 27201D looks on a white background.

Color Contrast Check

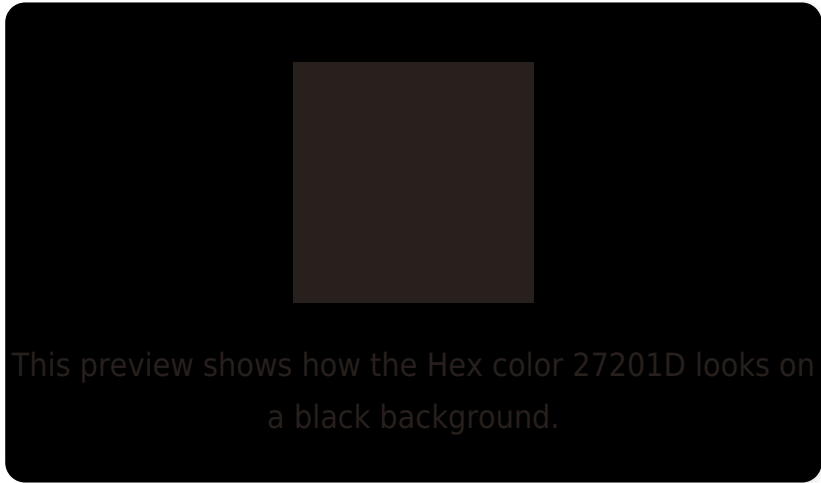
Large Text (above 18pt) WCAG AA ✓ Pass

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

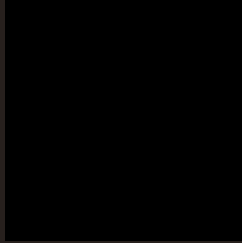
Any Text WCAG AA × Fail

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 27201D Background



This preview shows how black text looks on a background with the Hex color 27201D.

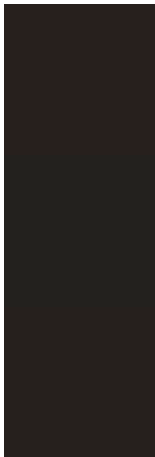


This preview shows how white text looks on a background with the Hex color 27201D.

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
27201D

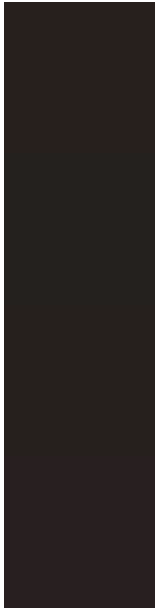
Protanopia
23211E

Deuteranopia
26201D



Tritanopia
281F22

Trichromacy



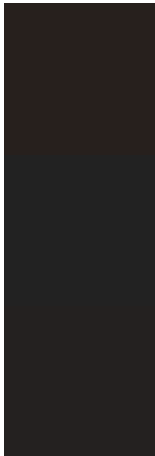
Original Color
27201D

Protanomaly
24211E

Deuteranomaly
26201D

Tritanomaly
281F20

Monochromacy



Original Color
27201D

Achromatopsia
222222

Achromatomaly
242120

CSS Examples

Text

The CSS property to change the color of the text to Hex 27201D 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 #27201D looks like.

```
.text, #text, p{  
    color:#27201D  
}
```

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 #27201D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27201D
}
```

Border

The CSS property to change the border of an element to Hex 27201D is called "border". The border property can be set on classes, ids or directly on the HTML element.

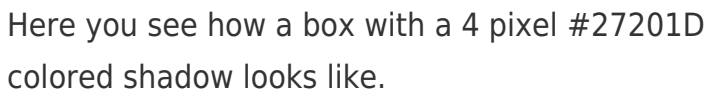
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27201D }
```

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

```
.border{ border-color:#27201D }
```

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



Here you see how a box with a 4 pixel #27201D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27201D; -webkit-box-shadow:4px 4px  
4px 4px #27201D; box-shadow:4px 4px 4px  
4px #27201D }
```

Background

The CSS property to change the background color of an element to Hex 27201D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27201D }
```

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

```
.background{ background-color:#27201D }
```

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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