

Converting Colors

Hex(292221)

Have a look what the booklet for
Hex(292221) contains.

Hex(292221)	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(292221)

Conversions

Conversions Part 1

Format	Color
Hex	292221
RGB	41, 34, 33
RGB Percent	16%, 13%, 13%
CMY	0.8392, 0.8667, 0.8706
CMYK	0.00, 0.17, 0.20, 0.84
HSL	7°, 11%, 15%
HSV	7°, 20%, 16%
XYZ	1.7610, 1.7253, 1.6790
YIQ	35.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

Format	Color
RYB	41, 34, 33
Decimal	2695713
CIELab	13.97, 3.11, 1.90
CIELCh	14, 3.641, 31.424
Yxy	1.7253, 0.3409, 0.3340
Android (android.graphics.Color)	4280885793 (0xFF292221)
YUV	35.9790, -1.4686, 4.4034
Hunter-Lab	13.1350, 0.9451, 1.6155

Details

The Hex color **292221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212829**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **564E4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291E1D**, and if you desaturate by 10%, it is **292625**.

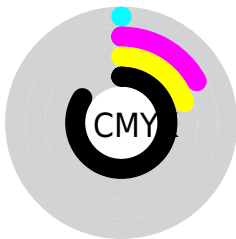
Distribution



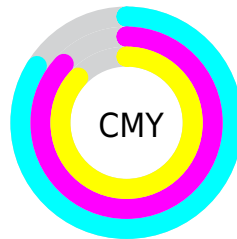
- Red (16%)
- Green (13%)
- Blue (13%)



- Red (16%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292221 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 292221 by changing the saturation by 10% instead.



292221



292221

FFFFFF



150C0A



564E4D



000000



6F6665



887F7E



A29998



BDB4B2



D9CFCE



F6ECEA



292221



292221

■ 291E1D

■ 292625

■ 291B19

■ 292929

■ 291715

■ 292D2D

■ 291411

■ 293031

■ 29100C

■ 293435

■ 290C08

■ 29383A

■ 290904

■ 293B3E

■ 290500

■ 293F42

■ 294246

Harmonies

Analogous

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



292224



292221



28231F

Triad

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



292221



202521



212429

Complementary

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



292221



212829

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.



1E2428



292221



1E2524

Square

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



292221



23241F



1D2526



242328

Rectangle

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



292221



26231F



1D2526



202428

Sweetspot

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



292221



363332



292128



1C1A1A



9C9C9C



1C1C1C

Same Dimension

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



292221



362B29



292621



141312



540B00



D41A00

Inverse Universe

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



212829



293436



212429



121414



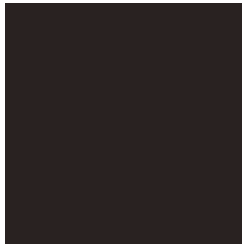
004A54



00B9D4

Previews

White Background



This preview shows how the Hex color 292221 looks on a white background.

Color Contrast Check

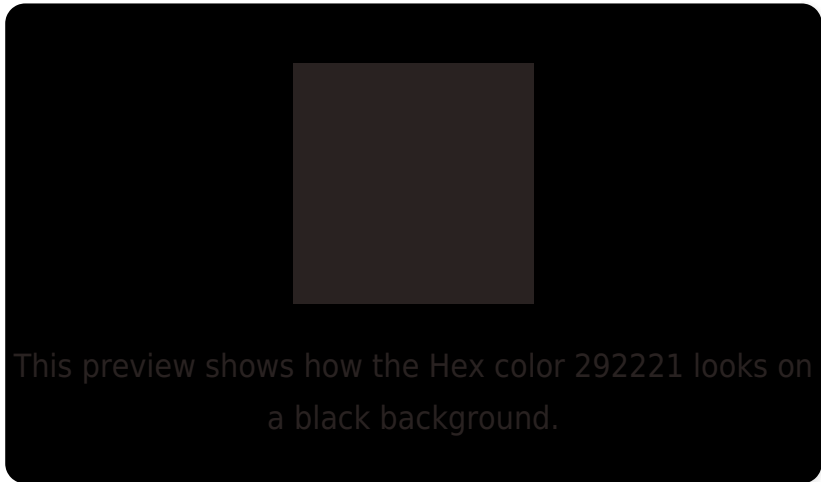
Large Text (above 18pt) WCAG AA ✓ Pass

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

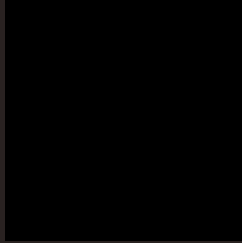
Any Text WCAG AA × Fail

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 292221 Background



This preview shows how black text looks on a background with the Hex color 292221.

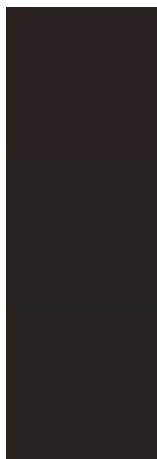


This preview shows how white text looks on a background with the Hex color 292221.

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
292221

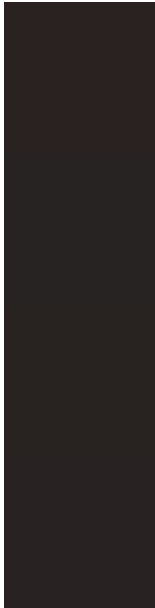
Protanopia
252322

Deuteranopia
282221



Tritanopia
292224

Trichromacy



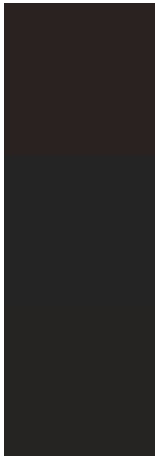
Original Color
292221

Protanomaly
262322

Deuteranomaly
282221

Tritanomaly
292223

Monochromacy



Original Color
292221

Achromatopsia
242424

Achromatomaly
262323

CSS Examples

Text

The CSS property to change the color of the text to Hex 292221 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 #292221 looks like.

```
.text, #text, p{  
    color:#292221  
}
```

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 #292221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292221
}
```

Border

The CSS property to change the border of an element to Hex 292221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

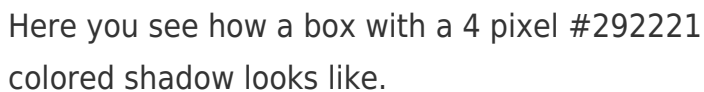
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#292221 }
```

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

```
.border{ border-color:#292221 }
```

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



Here you see how a box with a 4 pixel #292221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292221; -webkit-box-shadow:4px 4px  
4px 4px #292221; box-shadow:4px 4px 4px  
4px #292221 }
```

Background

The CSS property to change the background color of an element to Hex 292221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292221 }
```

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

```
.background{ background-color:#292221 }
```

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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