

Converting Colors

Hex(282024)

Have a look what the booklet for
Hex(282024) contains.

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Color

Hex(282024)

Conversions

Conversions Part 1

Format	Color
Hex	282024
RGB	40, 32, 36
RGB Percent	16%, 13%, 14%
CMY	0.8431, 0.8745, 0.8588
CMYK	0.00, 0.20, 0.10, 0.84
HSL	330°, 11%, 14%
HSV	330°, 20%, 16%
XYZ	1.7100, 1.6115, 1.8900
YIQ	34.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

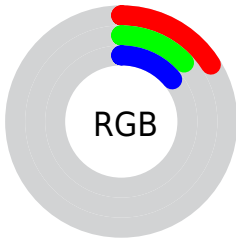
Format	Color
RYB	40, 32, 36
Decimal	2629668
CIELab	13.30, 4.72, -1.27
CIELCh	13, 4.889, 344.985
Yxy	1.6115, 0.3281, 0.3092
Android (android.graphics.Color)	4280819748 (0xFF282024)
YUV	34.8480, 0.5679, 4.5183
Hunter-Lab	12.6945, 1.8294, 0.0590

Details

The Hex color **282024** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202824**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **554C50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281C22**, and if you desaturate by 10%, it is **282426**.

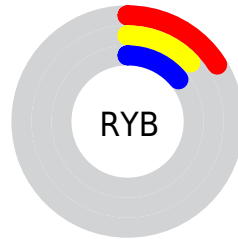
Distribution



Red (16%)

Green (13%)

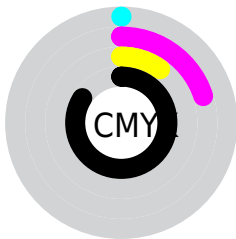
Blue (14%)



Red (16%)

Yellow (13%)

Blue (14%)

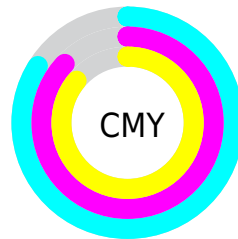


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282024 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 282024 by changing the saturation by 10% instead.

■ 282024

■ 282024

FFFFFF

■ 14080F

■ 554C50

■ 000000

■ 6D6468

■ 877D82

■ A1979C

■ BCB1B6

■ D8CDD2

■ F4E9EE

■ 282024

■ 282024

■ 281C22

■ 282426

■ 281820

■ 282828

■ 28141E

■ 282C2A

■ 28101C

■ 28302C

■ 280C1A

■ 28342E

■ 280818

■ 283830

■ 280416

■ 283C32

■ 280014

■ 284034

■ 284436

Harmonies

Analogous

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



252127



282024



292021

Triad

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



282024



23221C



1A2427

Complementary

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



282024



202824

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.



1A2424



282024



1F231D

Square

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



282024



27211C



1C2420



1D2329

Rectangle

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



282024



29201E



1C2420



192426

Sweetspot

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



282024



333031



242028



1A1819



999999



1A1A1A

Same Dimension

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



282024



33272D



282020



141213



54002A



D4006A

Inverse Universe

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



282024



33272D



202828



141213



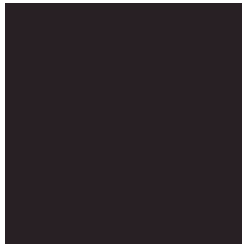
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 282024 looks on a white background.

Color Contrast Check

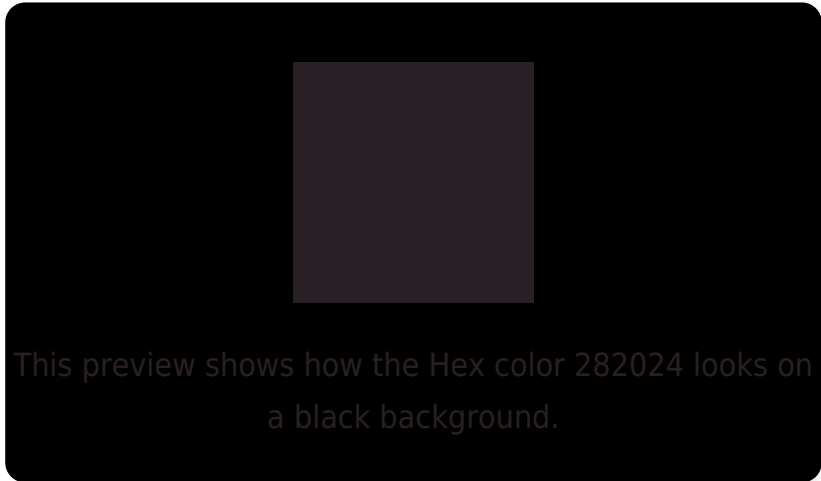
Large Text (above 18pt) WCAG AA ✓ Pass

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

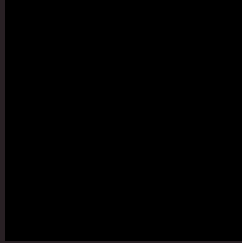
Any Text WCAG AA × Fail

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 282024 Background



This preview shows how black text looks on a background with the Hex color 282024.

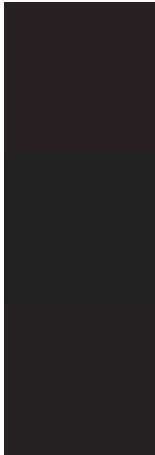


This preview shows how white text looks on a background with the Hex color 282024.

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
282024

Protanopia
222225

Deuteranopia
252124

Trichromacy



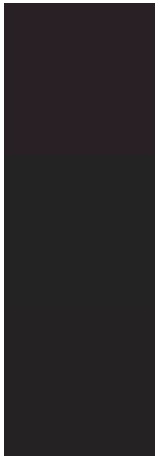
Original Color
282024

Protanomaly
242125

Deuteranomaly
262124

Tritanomaly
282023

Monochromacy



Original Color
282024

Achromatopsia
232323

Achromatomaly
252223

CSS Examples

Text

The CSS property to change the color of the text to Hex 282024 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 #282024 looks like.

```
.text, #text, p{  
  color:#282024  
}
```

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 #282024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282024
}
```

Border

The CSS property to change the border of an element to Hex 282024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

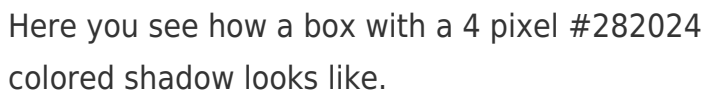
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282024 }
```

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

```
.border{ border-color:#282024 }
```

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



Here you see how a box with a 4 pixel #282024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282024; -webkit-box-shadow:4px 4px  
4px 4px #282024; box-shadow:4px 4px 4px  
4px #282024 }
```

Background

The CSS property to change the background color of an element to Hex 282024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282024 }
```

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

```
.background{ background-color:#282024 }
```

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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