

Converting Colors

Hex(282114)

Have a look what the booklet for
Hex(282114) contains.

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Color

Hex(282114)

Conversions

Conversions Part 1

Format	Color
Hex	282114
RGB	40, 33, 20
RGB Percent	16%, 13%, 8%
CMY	0.8431, 0.8706, 0.9216
CMYK	0.00, 0.18, 0.50, 0.84
HSL	39°, 33%, 12%
HSV	39°, 50%, 16%
XYZ	1.5452, 1.5893, 0.8872
YIQ	33.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

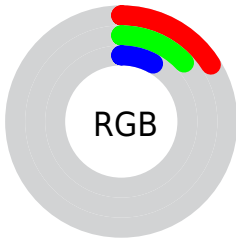
Format	Color
RYB	31, 40, 20
Decimal	2629908
CIELab	13.17, 0.95, 10.01
CIELCh	13, 10.054, 84.567
Yxy	1.5893, 0.3842, 0.3952
Android (android.graphics.Color)	4280819988 (0xFF282114)
YUV	33.6110, -6.7102, 5.6032
Hunter-Lab	12.6069, -0.1837, 4.6526

Details

The Hex color **282114** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **141B28**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **564D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282010**, and if you desaturate by 10%, it is **282218**.

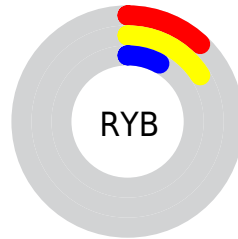
Distribution



Red (16%)

Green (13%)

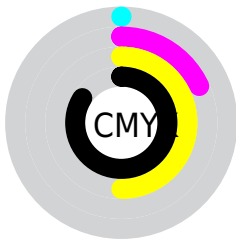
Blue (8%)



Red (12%)

Yellow (16%)

Blue (8%)

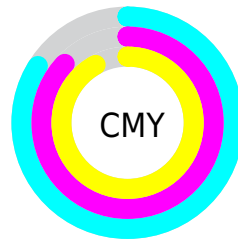


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282114 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 282114 by changing the saturation by 10% instead.

■ 282114

■ 282114

■ FFFFF5

■ 120A00

■ 564D3E

■ 000000

■ 6E6556

■ 887E6E

■ A29887

■ BDB2A1

■ D9CEBC

■ F6EAD8

■ 282114

■ 282114

■ 282010

■ 282218

■ 281E0C

■ 28241C

■ 281D08

■ 282520

■ 281B04

■ 282724

■ 281A00

■ 282828

■ 28292C

■ 282B30

■ 282C34

■ 282E38

Harmonies

Analogous

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



2D1F17



282114



212315

Triad

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



282114



0C2627



2A1E2A

Complementary

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



282114



141B28

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.



21212F



282114



0E252D

Square

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



282114



112620



172330



2F1D23

Rectangle

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



282114



1C2418



172330



271F2C

Sweetspot

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



282114



33302B



28141B



1A1815



999999



1A1A1A

Same Dimension

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



282114



332814



252814



141412



543700



D48A00

Inverse Universe

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



141B28



141F33



171428



121314



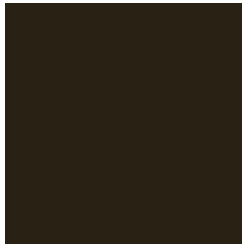
001D54



004AD4

Previews

White Background



This preview shows how the Hex color 282114 looks on a white background.

Color Contrast Check

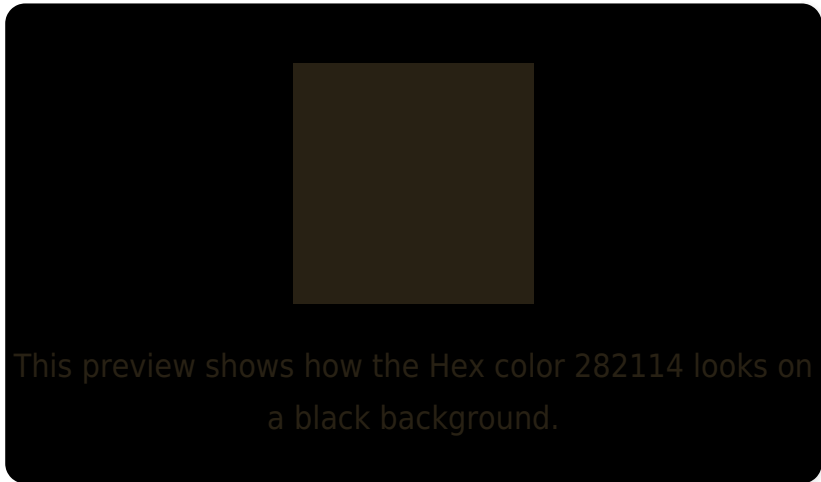
Large Text (above 18pt) WCAG AA ✓ Pass

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

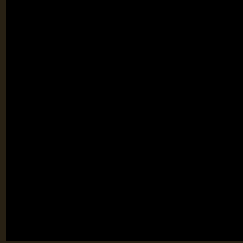
Any Text WCAG AA × Fail

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 282114 Background



This preview shows how black text looks on a background with the Hex color 282114.

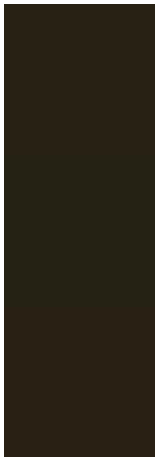


This preview shows how white text looks on a background with the Hex color 282114.

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
282114

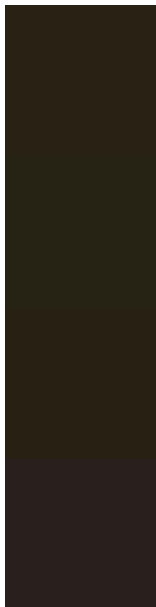
Protanopia
252214

Deuteranopia
292014



Tritanopia
291F22

Trichromacy



Original Color

282114

Protanomaly

262214

Deuteranomaly

292014

Tritanomaly

29201D

Monochromacy



Original Color

282114

Achromatopsia

222222

Achromatomaly

24221D

CSS Examples

Text

The CSS property to change the color of the text to Hex 282114 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 #282114 looks like.

```
.text, #text, p{  
    color:#282114  
}
```

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 #282114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282114
}
```

Border

The CSS property to change the border of an element to Hex 282114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

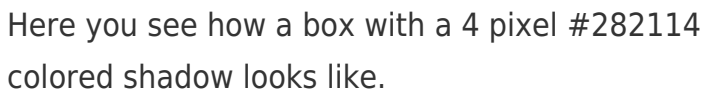
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282114 }
```

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

```
.border{ border-color:#282114 }
```

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



Here you see how a box with a 4 pixel #282114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282114; -webkit-box-shadow:4px 4px  
4px 4px #282114; box-shadow:4px 4px 4px  
4px #282114 }
```

Background

The CSS property to change the background color of an element to Hex 282114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282114 }
```

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

```
.background{ background-color:#282114 }
```

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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