

Converting Colors

Hex(271228)

Have a look what the booklet for
Hex(271228) contains.

Hex(271228)	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(271228)

Conversions

Conversions Part 1

Format	Color
Hex	271228
RGB	39, 18, 40
RGB Percent	15%, 7%, 16%
CMY	0.8471, 0.9294, 0.8431
CMYK	0.02, 0.55, 0.00, 0.84
HSL	297°, 38%, 11%
HSV	297°, 55%, 16%
XYZ	1.4360, 1.0171, 2.1281
YIQ	26.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

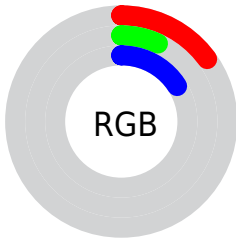
Format	Color
RYB	39, 18, 40
Decimal	2560552
CIELab	9.13, 15.27, -10.54
CIELCh	9, 18.557, 325.390
Yxy	1.0171, 0.3135, 0.2220
Android (android.graphics.Color)	4280750632 (0xFF271228)
YUV	26.7870, 6.5140, 10.7108
Hunter-Lab	10.0854, 7.7664, -5.4511

Details

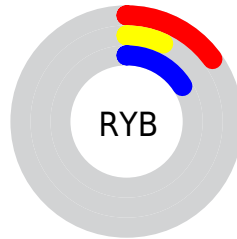
The Hex color **271228** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **132812**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **553D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270E28**, and if you desaturate by 10%, it is **271628**.

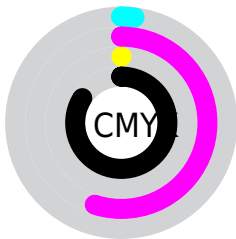
Distribution



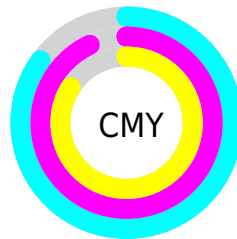
- Red (15%)
- Green (7%)
- Blue (16%)



- Red (15%)
- Yellow (7%)
- Blue (16%)



- Cyan (2%)
- Magenta (55%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271228 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 271228 by changing the saturation by 10% instead.

■ 271228

■ 271228

■ FFF3FF

■ 120014

■ 553D55

■ 000000

■ 6D546D

■ 876C87

■ A186A1

■ BCA0BC

■ D8BBD8

■ F5D7F4

■ 271228

■ 271228

■ 270E28

■ 271628

■ 270A28

■ 271A28

■ 260628

■ 281E28

■ 260228

■ 282228

■ 260028

■ 282628

■ 282A28

■ 282E28

■ 283228

■ 293628

Harmonies

Analogous

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



171730



271228



2F0E1C

Triad

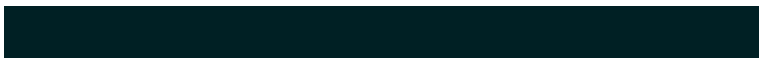
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



271228



231800



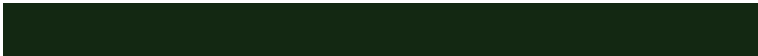
002024

Complementary

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



271228



132812

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.



002017



271228



181C00

Square

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



271228



2C1300



051F07



001F2E

Rectangle

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



271228



310E14



051F07



002020

Sweetspot

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



271228



332A33



121328



19141A



999999



1A1A1A

Same Dimension

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



271228



311133



28121E



141214



500054



CA00D4

Inverse Universe

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



281213



331113



12281C



141212



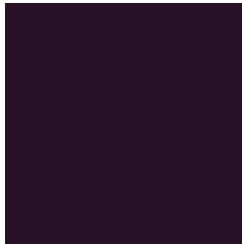
540004



D4000A

Previews

White Background



This preview shows how the Hex color 271228 looks on a white background.

Color Contrast Check

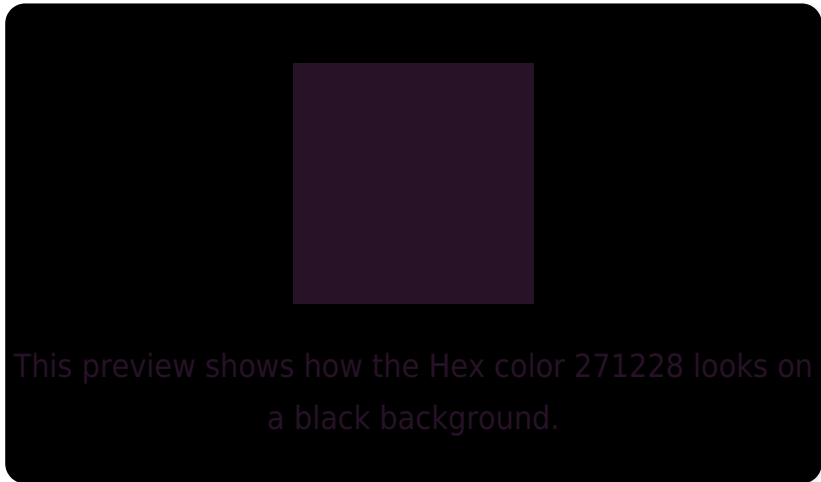
Large Text (above 18pt) WCAG AA ✓ Pass

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

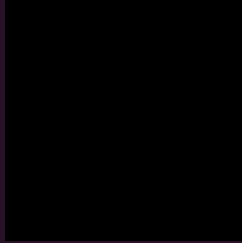
Any Text WCAG AA × Fail

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 271228 Background



This preview shows how black text looks on a background with the Hex color 271228.



This preview shows how white text looks on a background with the Hex color 271228.

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](#).

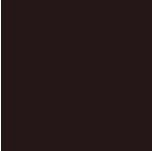
Dichromacy



Original Color
271228

Protanopia
111A2F

Deuteranopia
161A27



Tritanopia
251618

Trichromacy



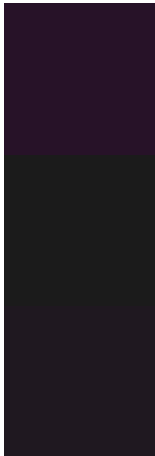
Original Color
271228

Protanomaly
19172C

Deuteranomaly
1C1727

Tritanomaly
26151E

Monochromacy



Original Color
271228

Achromatopsia
1B1B1B

Achromatomaly
1F1820

CSS Examples

Text

The CSS property to change the color of the text to Hex 271228 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 #271228 looks like.

```
.text, #text, p{  
    color:#271228  
}
```

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 #271228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271228
}
```

Border

The CSS property to change the border of an element to Hex 271228 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
#271228 }
```

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

```
.border{ border-color:#271228 }
```

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

Here you see how a box with a 4 pixel #271228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271228; -webkit-box-shadow:4px 4px  
4px 4px #271228; box-shadow:4px 4px 4px  
4px #271228 }
```

Background

The CSS property to change the background color of an element to Hex 271228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271228 }
```

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

```
.background{ background-color:#271228 }
```

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