

Converting Colors

Hex(28112B)

Have a look what the booklet for
Hex(28112B) contains.

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Color

Hex(28112B)

Conversions

Conversions Part 1

Format	Color
Hex	28112B
RGB	40, 17, 43
RGB Percent	16%, 7%, 17%
CMY	0.8431, 0.9333, 0.8314
CMYK	0.07, 0.60, 0.00, 0.83
HSL	293°, 43%, 12%
HSV	293°, 60%, 17%
XYZ	1.5116, 1.0264, 2.4040
YIQ	26.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

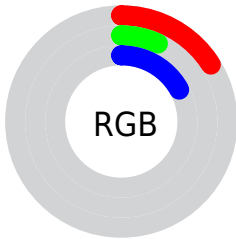
Format	Color
RYB	40, 17, 43
Decimal	2625835
CIELab	9.21, 17.08, -12.64
CIElCh	9, 21.246, 323.485
Yxy	1.0264, 0.3059, 0.2077
Android (android.graphics.Color)	4280815915 (0xFF28112B)
YUV	26.8410, 7.9664, 11.5404
Hunter-Lab	10.1313, 8.9020, -6.9764

Details

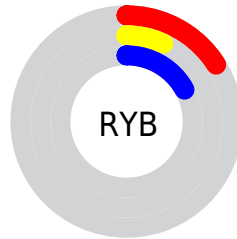
The Hex color **28112B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **142B11**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **563C59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280D2B**, and if you desaturate by 10%, it is **28152B**.

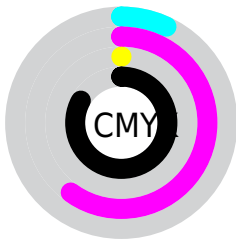
Distribution



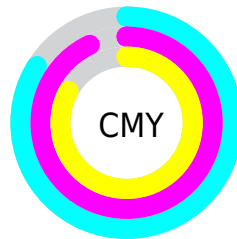
- Red (16%)
- Green (7%)
- Blue (17%)



- Red (16%)
- Yellow (7%)
- Blue (17%)



- Cyan (7%)
- Magenta (60%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (93%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28112B 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 28112B by changing the saturation by 10% instead.

 28112B

 28112B

 FFF3FF

 140017

 563C59

 000000

 6F5371

 886C8B

 A385A5

 BE9FC0

 DABADC

 F6D6F8

 28112B

 28112B

■ 280D2B

■ 28152B

■ 27082B

■ 291A2B

■ 27042B

■ 291E2B

■ 26002B

■ 2A222B

■ 2A272B

■ 2B2B2B

■ 2B2F2B

■ 2C332B

■ 2C382B

Harmonies

Analogous

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



141734



28112B



320C1E

Triad

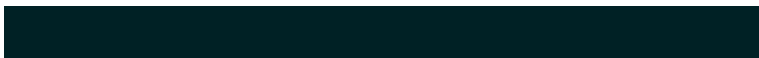
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28112B



241800



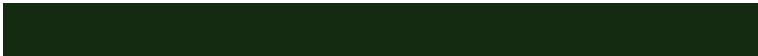
002125

Complementary

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



28112B



142B11

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.



002116



28112B



181C00

Square

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



28112B



2F1200



031F02



002031

Rectangle

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



28112B



330C14



031F02



002120

Sweetspot

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



28112B



372E38



11142B



1B161C



9C9C9C



1C1C1C

Same Dimension

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



28112B



330F38



2B1121



141214



4A0054



BB00D4

Inverse Universe

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



2B1114



380F14



112B1B



141213



54000A



D40018

Previews

White Background



This preview shows how the Hex color 28112B looks on a white background.

Color Contrast Check

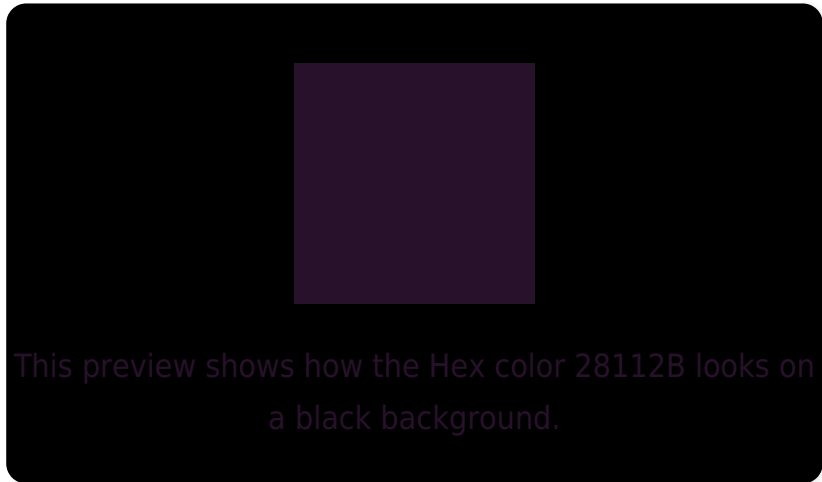
Large Text (above 18pt) WCAG AA ✓ Pass

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

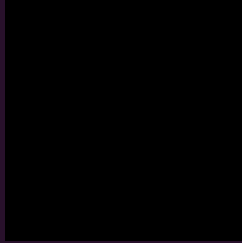
Any Text WCAG AA × Fail

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 28112B Background



This preview shows how black text looks on a background with the Hex color 28112B.



This preview shows how white text looks on a background with the Hex color 28112B.

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
28112B

Protanopia
0C1A33

Deuteranopia
131B29



Tritanopia
261618

Trichromacy



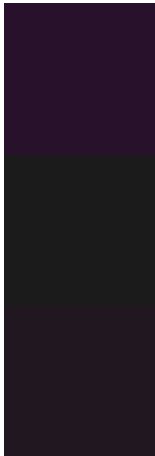
Original Color
28112B

Protanomaly
161730

Deuteranomaly
1B172A

Tritanomaly
27141F

Monochromacy



Original Color
28112B

Achromatopsia
1B1B1B

Achromatomaly
201721

CSS Examples

Text

The CSS property to change the color of the text to Hex 28112B 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 #28112B looks like.

```
.text, #text, p{  
    color:#28112B  
}
```

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 #28112B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28112B
}
```

Border

The CSS property to change the border of an element to Hex 28112B 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
#28112B }
```

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

```
.border{ border-color:#28112B }
```

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

Here you see how a box with a 4 pixel #28112B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28112B; -webkit-box-shadow:4px 4px  
4px 4px #28112B; box-shadow:4px 4px 4px  
4px #28112B }
```

Background

The CSS property to change the background color of an element to Hex 28112B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28112B }
```

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

```
.background{ background-color:#28112B }
```

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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