

Converting Colors

Hex(280F16)

Have a look what the booklet for
Hex(280F16) contains.

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Color

Hex(280F16)

Conversions

Conversions Part 1

Format	Color
Hex	280F16
RGB	40, 15, 22
RGB Percent	16%, 6%, 9%
CMY	0.8431, 0.9412, 0.9137
CMYK	0.00, 0.62, 0.45, 0.84
HSL	343°, 45%, 11%
HSV	343°, 62%, 16%
XYZ	1.1907, 0.8507, 0.8605
YIQ	23.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

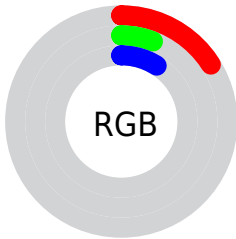
Format	Color
RYB	40, 15, 22
Decimal	2625302
CIELab	7.68, 14.04, 0.94
CIELCh	8, 14.069, 3.833
Yxy	0.8507, 0.4103, 0.2931
Android (android.graphics.Color)	4280815382 (0xFF280F16)
YUV	23.2730, -0.6276, 14.6696
Hunter-Lab	9.2233, 6.9033, 0.9248

Details

The Hex color **280F16** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2821**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **563940**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280B13**, and if you desaturate by 10%, it is **281319**.

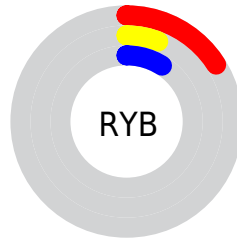
Distribution



Red (16%)

Green (6%)

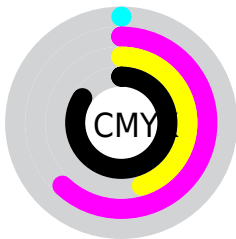
Blue (9%)



Red (16%)

Yellow (6%)

Blue (9%)

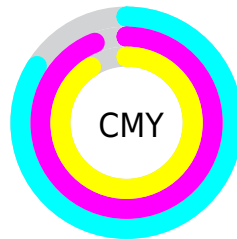


Cyan (0%)

Magenta (62%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280F16 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 280F16 by changing the saturation by 10% instead.

 280F16

 280F16

 FFEFF7

 0B0000

 563940

 000000

 6F5158

 896970

 A48289

 BF9CA4

 DBB7BF

 F7D3DB

 280F16

 280F16

■ 280B13

■ 281319

■ 280710

■ 28171C

■ 28030D

■ 281B1F

■ 28000B

■ 281F22

■ 282324

■ 282727

■ 282B2A

■ 282F2D

■ 283330

Harmonies

Analogous

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



23111F



280F16



28100A

Triad

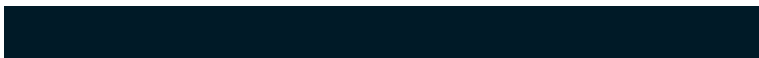
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280F16



131900



001A27

Complementary

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



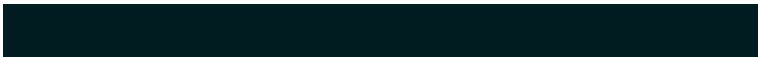
280F16



0F2821

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.



001C21



280F16



021C0C

Square

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



280F16



1D1700



001C18



091729

Rectangle

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



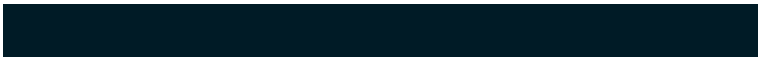
280F16



261201



001C18



001B26

Sweetspot

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



280F16



33292C



210F28



1A1415



999999



1A1A1A

Same Dimension

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



280F16



330D17



28140F



141213



540018



D4003B

Inverse Universe

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



280F16



330D17



0F2328



141213



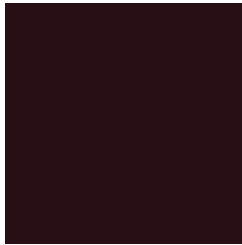
540018



D4003B

Previews

White Background



This preview shows how the Hex color 280F16 looks on a white background.

Color Contrast Check

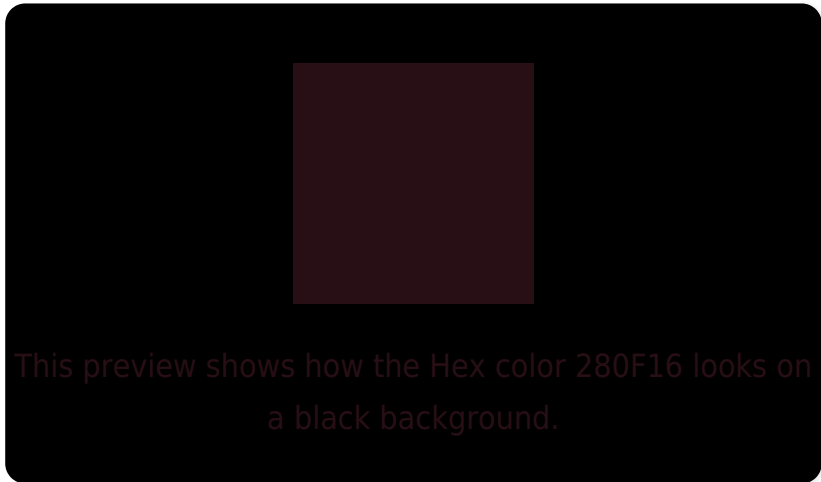
Large Text (above 18pt) WCAG AA ✓ Pass

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

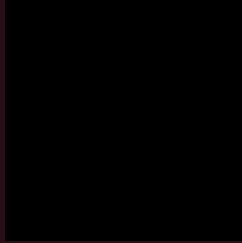
Any Text WCAG AA × Fail

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 280F16 Background



This preview shows how black text looks on a background with the Hex color 280F16.



This preview shows how white text looks on a background with the Hex color 280F16.

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
280F16

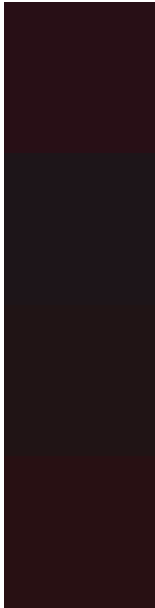
Protanopia
17181B

Deuteranopia
1B1715



Tritanopia
281011

Trichromacy



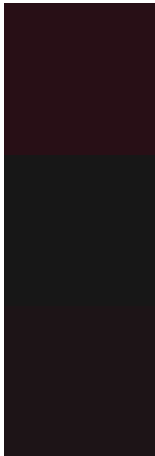
Original Color
280F16

Protanomaly
1D1519

Deuteranomaly
201415

Tritanomaly
281013

Monochromacy



Original Color
280F16

Achromatopsia
171717

Achromatomaly
1D1417

CSS Examples

Text

The CSS property to change the color of the text to Hex 280F16 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 #280F16 looks like.

```
.text, #text, p{  
    color:#280F16  
}
```

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 #280F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280F16
}
```

Border

The CSS property to change the border of an element to Hex 280F16 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
#280F16 }
```

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

```
.border{ border-color:#280F16 }
```

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

Here you see how a box with a 4 pixel #280F16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280F16; -webkit-box-shadow:4px 4px  
4px 4px #280F16; box-shadow:4px 4px 4px  
4px #280F16 }
```

Background

The CSS property to change the background color of an element to Hex 280F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280F16 }
```

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

```
.background{ background-color:#280F16 }
```

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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