

Converting Colors

Hex(28000F)

Have a look what the booklet for
Hex(28000F) contains.

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Color

Hex(28000F)

Conversions

Conversions Part 1

Format	Color
Hex	28000F
RGB	40, 0, 15
RGB Percent	16%, 0%, 6%
CMY	0.8431, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.62, 0.84
HSL	338°, 100%, 8%
HSV	338°, 100%, 16%
XYZ	0.9613, 0.4856, 0.4950
YIQ	13.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

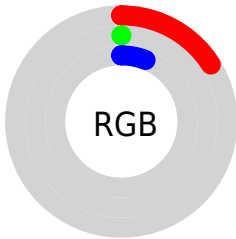
Format	Color
RYB	40, 0, 15
Decimal	2621455
CIELab	4.39, 20.26, 0.48
CIELCh	4, 20.262, 1.365
Yxy	0.4856, 0.4950, 0.2501
Android (android.graphics.Color)	4280811535 (0xFF28000F)
YUV	13.6700, 0.6557, 23.0914
Hunter-Lab	6.9685, 12.4288, 0.6664

Details

The Hex color **28000F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002819**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **562E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **28000F**, and if you desaturate by 10%, it is **280412**.

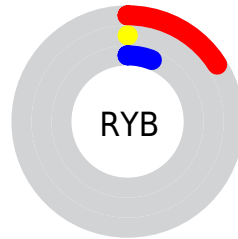
Distribution



Red (16%)

Green (0%)

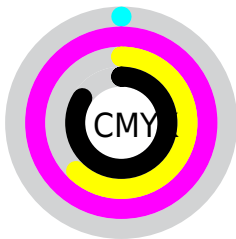
Blue (6%)



Red (16%)

Yellow (0%)

Blue (6%)

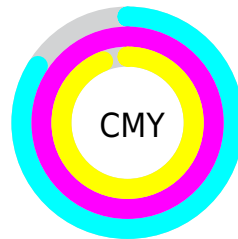


Cyan (0%)

Magenta (100%)

Yellow (62%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28000F 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 28000F by changing the saturation by 10% instead.

 28000F

 28000F

 FFE1EF

 000000

 562E3A

 6F4551

 895D69

 A47582

 C08F9C

 DCAAB7

 F9C5D2

 28000F

■ 280412

■ 280814

■ 280C16

■ 281019

■ 28141C

■ 28181E

■ 281C21

■ 282023

■ 282426

Harmonies

Analogous

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



21031D



28000F



280200

Triad

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



28000F



001400



001627

Complementary

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



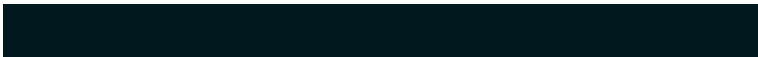
28000F



002819

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.



00181E



28000F



001700

Square

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



28000F



140F00



00180F



00112B

Rectangle

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



2800F



240500



00180F



001725

Sweetspot

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



28000F



332429



190028



1A1014



999999



1A1A1A

Same Dimension

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



28000F



330013



280500



141213



540020



D4004F

Inverse Universe

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



28000F



330013



002328



141213



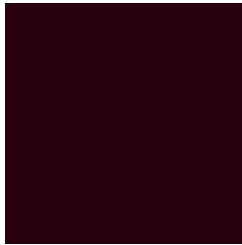
540020



D4004F

Previews

White Background



This preview shows how the Hex color 28000F looks on a white background.

Color Contrast Check

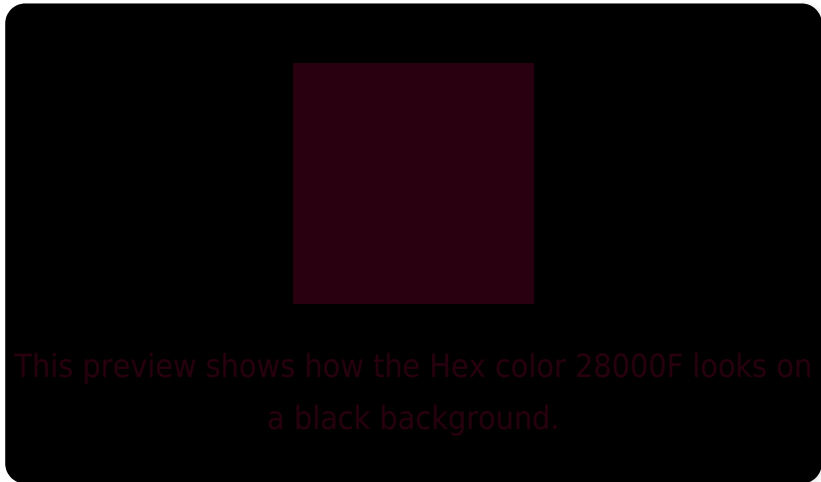
Large Text (above 18pt) WCAG AA ✓ Pass

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

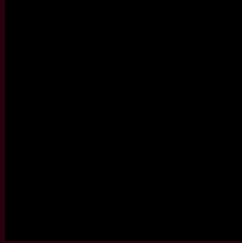
Any Text WCAG AA × Fail

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 28000F Background



This preview shows how black text looks on a background with the Hex color 28000F.



This preview shows how white text looks on a background with the Hex color 28000F.

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
28000F

Protanopia
141416

Deuteranopia
19140D



Tritanopia
280606

Trichromacy



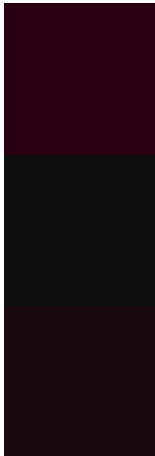
Original Color
28000F

Protanomaly
1B0D13

Deuteranomaly
1E0D0E

Tritanomaly
280409

Monochromacy



Original Color
28000F

Achromatopsia
0E0E0E

Achromatomaly
17090E

CSS Examples

Text

The CSS property to change the color of the text to Hex 28000F 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 #28000F looks like.

```
.text, #text, p{  
    color:#28000F  
}
```

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 #28000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28000F
}
```

Border

The CSS property to change the border of an element to Hex 28000F is called "border". The border property can be set on classes, ids or directly on the HTML element.

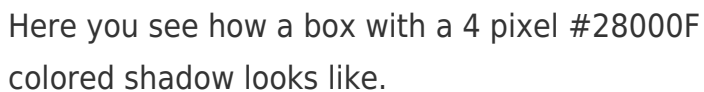
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28000F }
```

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

```
.border{ border-color:#28000F }
```

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



Here you see how a box with a 4 pixel #28000F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28000F; -webkit-box-shadow:4px 4px  
4px 4px #28000F; box-shadow:4px 4px 4px  
4px #28000F }
```

Background

The CSS property to change the background color of an element to Hex 28000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28000F }
```

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

```
.background{ background-color:#28000F }
```

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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