

Converting Colors

Hex(28B16F)

Have a look what the booklet for
Hex(28B16F) contains.

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Color

Hex(28B16F)

Conversions

Conversions Part 1

Format	Color
Hex	28B16F
RGB	40, 177, 111
RGB Percent	16%, 69%, 44%
CMY	0.8431, 0.3059, 0.5647
CMYK	0.77, 0.00, 0.37, 0.31
HSL	151°, 63%, 43%
HSV	151°, 77%, 69%
XYZ	19.4665, 33.0431, 20.3909
YIQ	128.5130, -60.4660, -49.5700

Conversions

Conversions Part 2

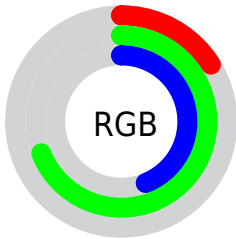
Format	Color
RYB	40, 130, 177
Decimal	2666863
CIELab	64.20, -50.94, 23.84
CIELCh	64, 56.248, 154.919
Yxy	33.0431, 0.2670, 0.4533
Android (android.graphics.Color)	4280856943 (0xFF28B16F)
YUV	128.5130, -8.6339, -77.6259
Hunter-Lab	57.4831, -40.1471, 19.2063

Details

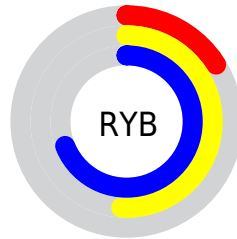
The Hex color **28B16F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B1286A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6BEAA3**, and **007B3E** is the 20% darker color. If you saturate the color by 10%, you get **16B166**, and if you desaturate by 10%, it is **3AB178**.

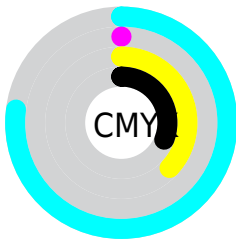
Distribution



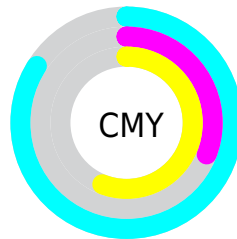
- Red (16%)
- Green (69%)
- Blue (44%)



- Red (16%)
- Yellow (51%)
- Blue (69%)



- Cyan (77%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B16F 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 28B16F by changing the saturation by 10% instead.



28B16F



28B16F

FFFFFF



009656



6BEAA3



007B3E



89FFBE



006128



A6FFDA



004811



C4FFF7



003100



E2FFFF



001700



000000



28B16F



28B16F



16B166



3AB178

■ 05B15E

■ 4BB180

■ 00B15C

■ 5DB189

■ 6FB191

■ 81B19A

■ 92B1A2

■ A4B1AB

■ B6B1B3

■ C7B1BC

Harmonies

Analogous

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



7BA944



28B16F



00B4A3

Triad

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



28B16F



429EFF



F37765

Complementary

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



28B16F



B1286A

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.



F76E95



28B16F



A98BEE

Square

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



28B16F



00ACF6



DF77C7



D8893F

Rectangle

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



28B16F



00B4C4



DF77C7



F77274

Sweetspot

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



28B16F



B1E6CC



6AB128



537363



F2F2F2



737373

Same Dimension

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



28B16F



10E67F



28AFB1



505955



00994F



001A0D

Inverse Universe

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



B1286A



E61077



B12A28



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 28B16F looks on a white background.

Color Contrast Check

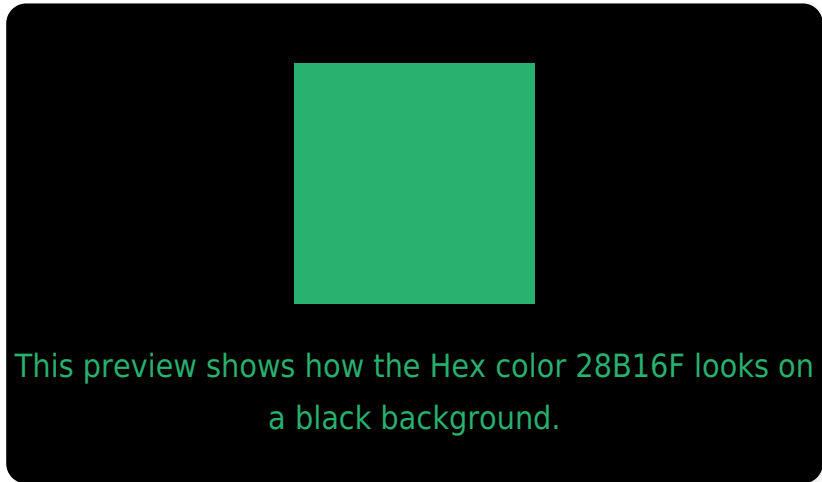
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

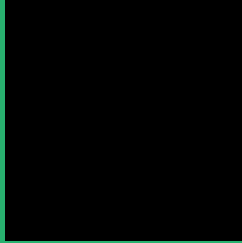
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 28B16F Background



This preview shows how black text looks on a background with the Hex color 28B16F.



This preview shows how white text looks on a background with the Hex color 28B16F.

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
28B16F

Protanopia
A89A66

Deuteranopia
B59476



Tritanopia
49A8B6

Trichromacy



Original Color
28B16F



Protanomaly
79A269



Deuteranomaly
829F73



Tritanomaly
3DAB9C

Monochromacy



Original Color
28B16F



Achromatopsia
818181



Achromatomaly
61927A

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B16F 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 #28B16F looks like.

```
.text, #text, p{  
    color:#28B16F  
}
```

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 #28B16F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B16F
}
```

Border

The CSS property to change the border of an element to Hex 28B16F 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
#28B16F }
```

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

```
.border{ border-color:#28B16F }
```

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

Here you see how a box with a 4 pixel #28B16F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B16F; -webkit-box-shadow:4px 4px  
4px 4px #28B16F; box-shadow:4px 4px 4px  
4px #28B16F }
```

Background

The CSS property to change the background color of an element to Hex 28B16F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B16F }
```

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

```
.background{ background-color:#28B16F }
```

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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