

Converting Colors

Hex(028267)

Have a look what the booklet for
Hex(028267) contains.

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Color

Hex(028267)

Conversions

Conversions Part 1

Format	Color
Hex	028267
RGB	2, 130, 103
RGB Percent	1%, 51%, 40%
CMY	0.9922, 0.4902, 0.5961
CMYK	0.98, 0.00, 0.21, 0.49
HSL	167°, 97%, 26%
HSV	167°, 98%, 51%
XYZ	10.4558, 16.9574, 15.5540
YIQ	88.6500, -67.6210, -35.5330

Conversions

Conversions Part 2

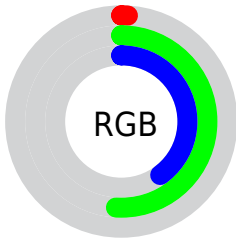
Format	Color
RYB	2, 74, 130
Decimal	164455
CIELab	48.21, -37.18, 6.15
CIELCh	48, 37.681, 170.606
Yxy	16.9574, 0.2433, 0.3947
Android (android.graphics.Color)	4278354535 (0xFF028267)
YUV	88.6500, 7.0745, -75.9921
Hunter-Lab	41.1794, -26.7411, 6.4310

Details

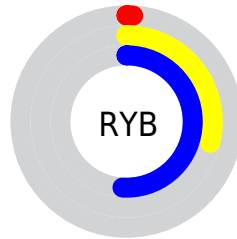
The Hex color **028267** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82021D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51B89A**, and **004F38** is the 20% darker color. If you saturate the color by 10%, you get **008267**, and if you desaturate by 10%, it is **0F826A**.

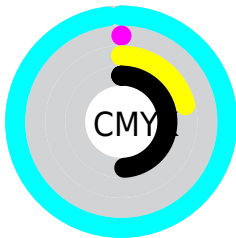
Distribution



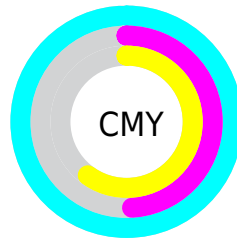
- Red (1%)
- Green (51%)
- Blue (40%)



- Red (1%)
- Yellow (29%)
- Blue (51%)



- Cyan (98%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (99%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 028267 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 028267 by changing the saturation by 10% instead.



028267



028267

FFFFFF



00684F



51B89A



004F38



6ED4B5



003823



8AF0D0



00240D



A7FFED



000000



C4FFFF



E1FFFF



028267



028267



008267



0F826A

 1C826C

 29826F

 368272

 438275

 508277

 5D827A

 6A827D

 778280

Harmonies

Analogous

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



4A7E49



028267



008388

Triad

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



028267



656EAE



A46242

Complementary

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



028267



82021D

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.



AE595E



028267



90629B

Square

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



028267



1679B1



A8597E



8E6D32

Rectangle

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



028267



00819B



A8597E



A95E4B

Sweetspot

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



028267



76A89E



1E8202



36544E



D4D4D4



545454

Same Dimension

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



028267



00A885



025E82



39403E



008065



000000

Inverse Universe

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



82021D



A80024



822602



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 028267 looks on a white background.

Color Contrast Check

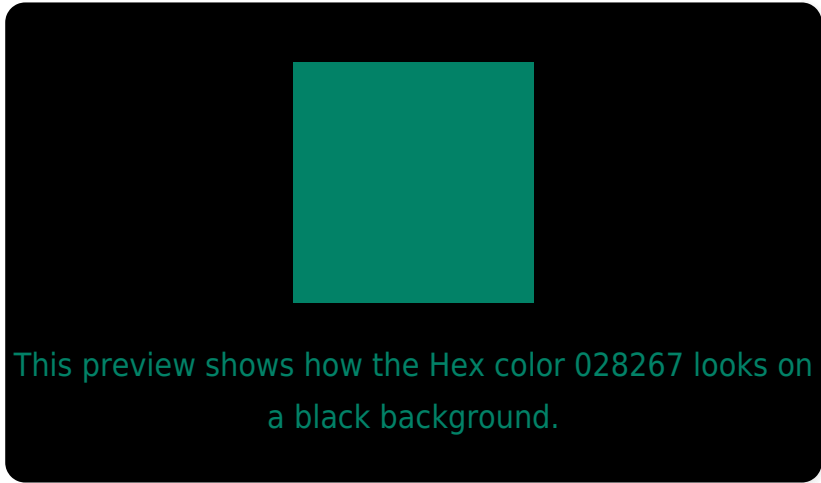
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

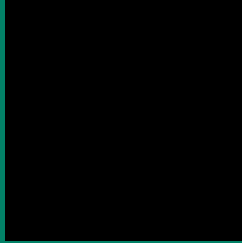
Any Text WCAG AA × Fail

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 028267 Background



This preview shows how black text looks on a background with the Hex color 028267.

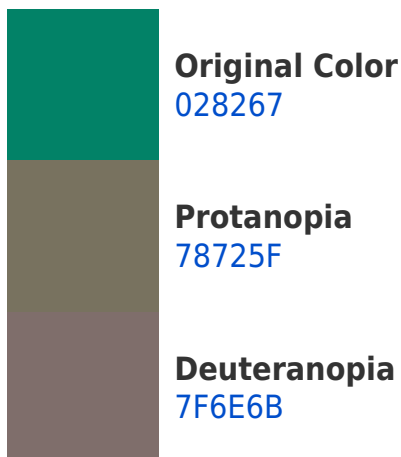


This preview shows how white text looks on a background with the Hex color 028267.

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





Tritanopia
287E88

Trichromacy



Original Color
028267



Protanomaly
4D7862



Deuteranomaly
52756A



Tritanomaly
1A7F7C

Monochromacy



Original Color
028267



Achromatopsia
595959



Achromatomaly
39685E

CSS Examples

Text

The CSS property to change the color of the text to Hex 028267 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 #028267 looks like.

```
.text, #text, p{  
    color:#028267  
}
```

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 #028267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028267
}
```

Border

The CSS property to change the border of an element to Hex 028267 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
#028267 }
```

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

```
.border{ border-color:#028267 }
```

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

Here you see how a box with a 4 pixel #028267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028267; -webkit-box-shadow:4px 4px  
4px 4px #028267; box-shadow:4px 4px 4px  
4px #028267 }
```

Background

The CSS property to change the background color of an element to Hex 028267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028267 }
```

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

```
.background{ background-color:#028267 }
```

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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