

Converting Colors

Hex(028F55)

Have a look what the booklet for
Hex(028F55) contains.

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Color

Hex(028F55)

Conversions

Conversions Part 1

Format	Color
Hex	028F55
RGB	2, 143, 85
RGB Percent	1%, 56%, 33%
CMY	0.9922, 0.4392, 0.6667
CMYK	0.99, 0.00, 0.41, 0.44
HSL	155°, 97%, 28%
HSV	155°, 99%, 56%
XYZ	11.4872, 20.3137, 11.9098
YIQ	94.2290, -65.4180, -47.9300

Conversions

Conversions Part 2

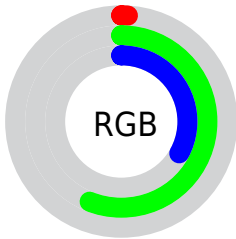
Format	Color
RYB	2, 91, 143
Decimal	167765
CIELab	52.19, -46.72, 21.92
CIELCh	52, 51.602, 154.862
Yxy	20.3137, 0.2628, 0.4647
Android (android.graphics.Color)	4278357845 (0xFF028F55)
YUV	94.2290, -4.5499, -80.8848
Hunter-Lab	45.0707, -33.3794, 15.8823

Details

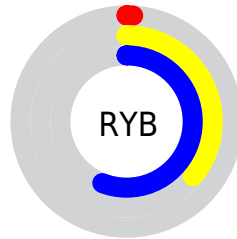
The Hex color **028F55** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8F023C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54C687**, and **005B27** is the 20% darker color. If you saturate the color by 10%, you get **008F54**, and if you desaturate by 10%, it is **108F5B**.

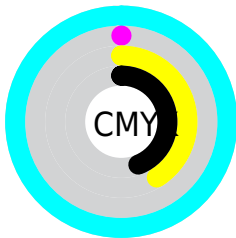
Distribution



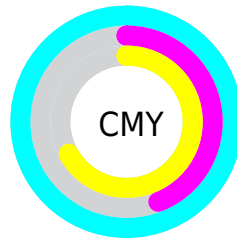
- Red (1%)
- Green (56%)
- Blue (33%)



- Red (1%)
- Yellow (36%)
- Blue (56%)



- Cyan (99%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)




- Cyan (99%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 028F55 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 028F55 by changing the saturation by 10% instead.

 028F55

 028F55

FFFFFF

 00753D

 54C687

 005B27

 71E2A2

 004311

 8EFFBD

 002C00

 ABFFD9


 000E00

 C8FFF5

 000000

 E6FFFF

 028F55

 028F55

 008F54

 108F5B

 1F8F61

 2D8F67

 3B8F6D

 4A8F72

 588F78

 668F7E

 748F84

 838F8A

Harmonies

Analogous

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



5F882E



028F55



009283

Triad

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



028F55



207FD5



C85B4C

Complementary

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



028F55



8F023C

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.



CC5377



028F55



876EC5

Square

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



028F55



008BCC



B85BA3



B16C2A

Rectangle

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



028F55



0091A0



B85BA3



CC575A

Sweetspot

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



028F55



82BAA3



3D8F02



3C5E50



DEDEDE



5E5E5E

Same Dimension

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



028F55



00BA6E



02838F



404744



008750



000805

Inverse Universe

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



8F023C



BA004D



8F0E02



474043



870038



080003

Previews

White Background



This preview shows how the Hex color 028F55 looks on a white background.

Color Contrast Check

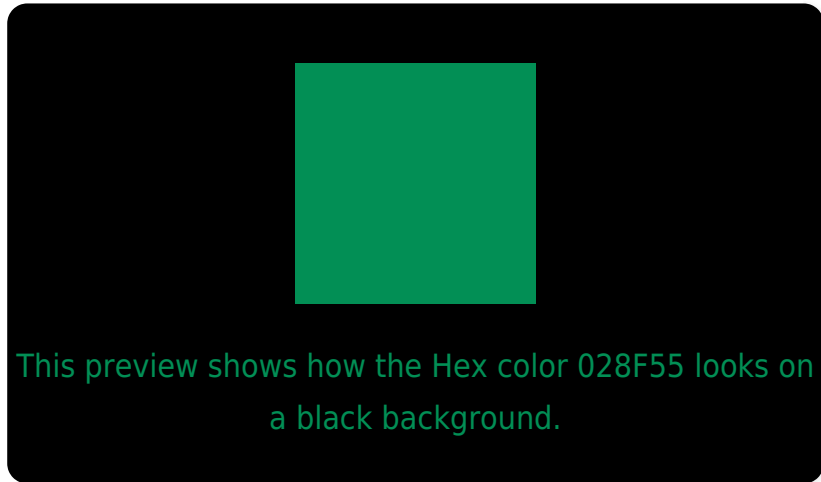
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 028F55 Background



This preview shows how black text looks on a background with the Hex color 028F55.

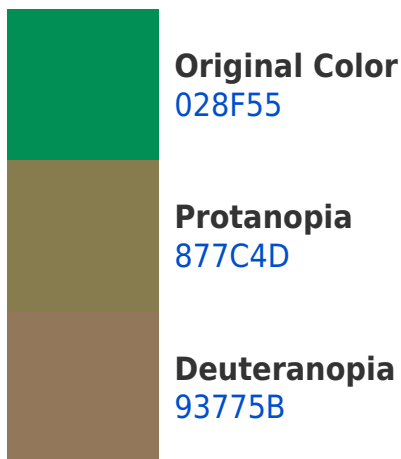


This preview shows how white text looks on a background with the Hex color 028F55.

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
348893

Trichromacy



Original Color
028F55



Protanomaly
578350



Deuteranomaly
5E8059



Tritanomaly
228B7C

Monochromacy



Original Color
028F55



Achromatopsia
5E5E5E



Achromatomaly
3D705B

CSS Examples

Text

The CSS property to change the color of the text to Hex 028F55 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 #028F55 looks like.

```
.text, #text, p{  
    color:#028F55  
}
```

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 #028F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028F55
}
```

Border

The CSS property to change the border of an element to Hex 028F55 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
#028F55 }
```

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

```
.border{ border-color:#028F55 }
```

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

Here you see how a box with a 4 pixel #028F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028F55; -webkit-box-shadow:4px 4px  
4px 4px #028F55; box-shadow:4px 4px 4px  
4px #028F55 }
```

Background

The CSS property to change the background color of an element to Hex 028F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028F55 }
```

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

```
.background{ background-color:#028F55 }
```

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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