

Converting Colors

Hex(28C73F)

Have a look what the booklet for
Hex(28C73F) contains.

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Color

Hex(28C73F)

Conversions

Conversions Part 1

Format	Color
Hex	28C73F
RGB	40, 199, 63
RGB Percent	16%, 78%, 25%
CMY	0.8431, 0.2196, 0.7529
CMYK	0.80, 0.00, 0.68, 0.22
HSL	129°, 67%, 47%
HSV	129°, 80%, 78%
XYZ	22.1957, 41.6568, 11.5734
YIQ	135.9550, -51.1080, -76.0040

Conversions

Conversions Part 2

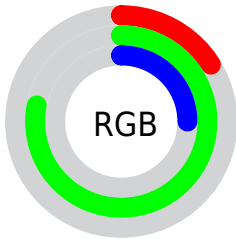
Format	Color
RYB	40, 179, 199
Decimal	2672447
CIELab	70.63, -65.52, 54.63
CIELCh	71, 85.305, 140.179
Yxy	41.6568, 0.2943, 0.5523
Android (android.graphics.Color)	4280862527 (0xFF28C73F)
YUV	135.9550, -35.9668, -84.1525
Hunter-Lab	64.5421, -51.5635, 34.5479

Details

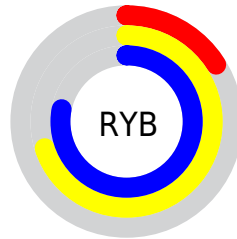
The Hex color **28C73F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C728B0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **72FF75**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **14C72E**, and if you desaturate by 10%, it is **3CC750**.

Distribution



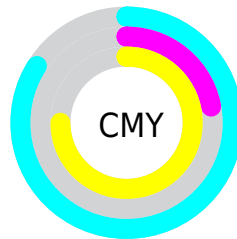
- Red (16%)
- Green (78%)
- Blue (25%)



- Red (16%)
- Yellow (70%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C73F 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 28C73F by changing the saturation by 10% instead.

 28C73F

 28C73F

FFFFFF

 00AB22

 72FF75

 008F00

 91FF90

 007500

 B0FFAC

 005B00

 CEFFC8

 004100

 EDFFE5

 002A00

 000400

 000000

 28C73F

 28C73F

 14C72E

 3CC750

 00C71D

 50C761

 64C772

 78C783

 8CC794

 9FC7A5

 B3C7B6

 C7C7C7

 DBC7D8

Harmonies

Analogous

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



9EB900



28C73F



00CE90

Triad

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



28C73F



00BEFF



FF5B7C

Complementary

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



28C73F



C728B0

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.



FF59CA



28C73F



6CA3FF

Square

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



28C73F



00CBFF



F07DFF



FF7E33

Rectangle

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



28C73F



00D0C6



F07DFF



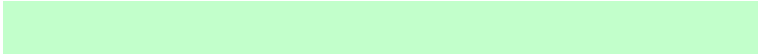
FF5596

Sweetspot

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



28C73F



C2FFCB



B2C728



5B8060



000000



808080

Same Dimension

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



28C73F



0AFF2E



28C78D



5A635B



00A318



002405

Inverse Universe

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



C728B0



FF0ADC



C72862



635A62



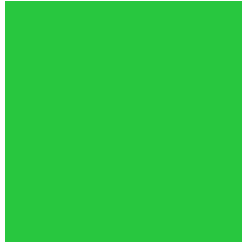
A3008C



24001F

Previews

White Background



This preview shows how the Hex color 28C73F 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



This preview shows how the Hex color 28C73F looks on a 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 28C73F Background



This preview shows how black text looks on a background with the Hex color 28C73F.

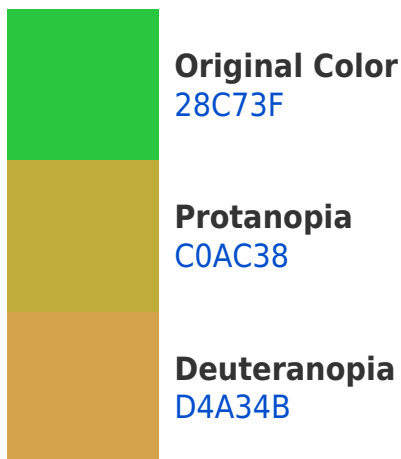


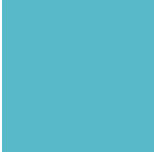
This preview shows how white text looks on a background with the Hex color 28C73F.

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
58BAC9

Trichromacy



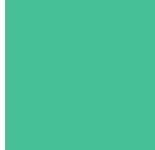
Original Color
28C73F



Protanomaly
89B63B



Deuteranomaly
95B047



Tritanomaly
47BF97

Monochromacy



Original Color
28C73F



Achromatopsia
888888



Achromatomaly
659F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C73F 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 #28C73F looks like.

```
.text, #text, p{  
    color:#28C73F  
}
```

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 #28C73F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C73F
}
```

Border

The CSS property to change the border of an element to Hex 28C73F 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
#28C73F }
```

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

```
.border{ border-color:#28C73F }
```

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

Here you see how a box with a 4 pixel #28C73F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C73F; -webkit-box-shadow:4px 4px  
4px 4px #28C73F; box-shadow:4px 4px 4px  
4px #28C73F }
```

Background

The CSS property to change the background color of an element to Hex 28C73F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C73F }
```

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

```
.background{ background-color:#28C73F }
```

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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