

Converting Colors

Hex(28A935)

Have a look what the booklet for
Hex(28A935) contains.

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Color

Hex(28A935)

Conversions

Conversions Part 1

Format	Color
Hex	28A935
RGB	40, 169, 53
RGB Percent	16%, 66%, 21%
CMY	0.8431, 0.3373, 0.7922
CMYK	0.76, 0.00, 0.69, 0.34
HSL	126°, 62%, 41%
HSV	126°, 76%, 66%
XYZ	15.7056, 29.0841, 8.1542
YIQ	117.2050, -39.6480, -63.4240

Conversions

Conversions Part 2

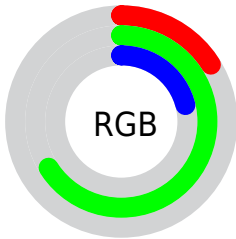
Format	Color
R_{YB}	40, 157, 169
Decimal	2664757
CIE _{Lab}	60.86, -56.90, 48.21
CIE _{LCh}	61, 74.577, 139.728
Yxy	29.0841, 0.2966, 0.5493
Android (android.graphics.Color)	4280854837 (0xFF28A935)
YUV	117.2050, -31.6531, -67.7088
Hunter-Lab	53.9297, -42.3933, 28.7861

Details

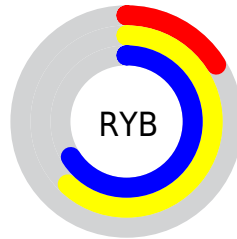
The Hex color **28A935** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A9289C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BE169**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **17A926**, and if you desaturate by 10%, it is **39A944**.

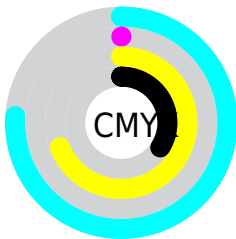
Distribution



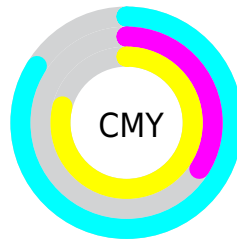
- Red (16%)
- Green (66%)
- Blue (21%)



- Red (16%)
- Yellow (62%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (69%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A935 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 28A935 by changing the saturation by 10% instead.

 28A935

 28A935

FFFFFF

 008E19

 6BE169

 007300

 89FF84

 005A00

 A6FF9F

 004100

 C4FFBB

 002A00

 E2FFD7

 000600

 FFFFF4

 000000

 28A935

 28A935

 17A926

 39A944

06A917

4AA953

00A911

5BA963

6CA972

7CA981

8DA990

9EA99F

AFA9AF

C0A9BE

Harmonies

Analogous

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



879D00



28A935



00AF79

Triad

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



28A935



00A1FF



FF4E6B

Complementary

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



28A935



A9289C

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.



FC4DAC



28A935



5B8BFF

Square

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



28A935



00ADF7



CA6BE9



F06A2D

Rectangle

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



28A935



00B0A7



CA6BE9



FF4980

Sweetspot

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



28A935



A9DBAE



9CA928



4F6E52



EDEDED



6E6E6E

Same Dimension

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



28A935



12DB26



28A975



4C544D



00940F



001402

Inverse Universe

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



A9289C



DB12C7



A9285C



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 28A935 looks on a white background.

Color Contrast Check

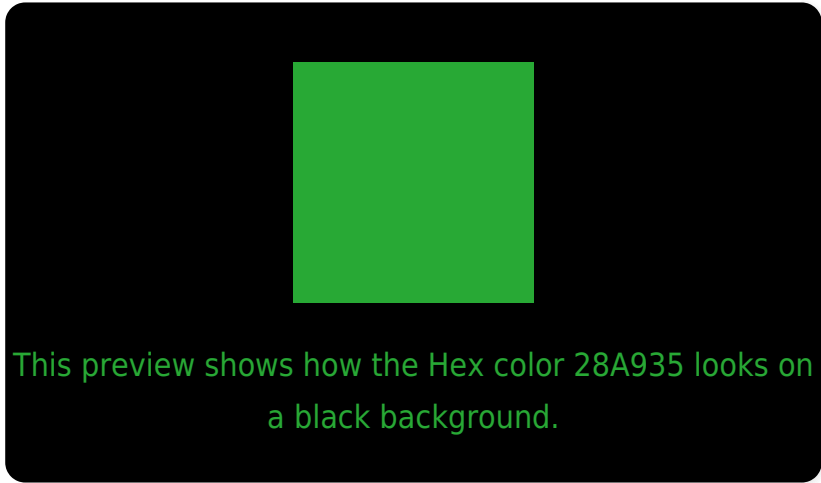
Large Text (above 18pt) WCAG AA ✓ Pass

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

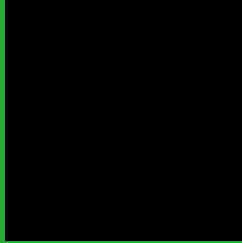
Any Text WCAG AA ✓ Pass

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 28A935 Background



This preview shows how black text looks on a background with the Hex color 28A935.

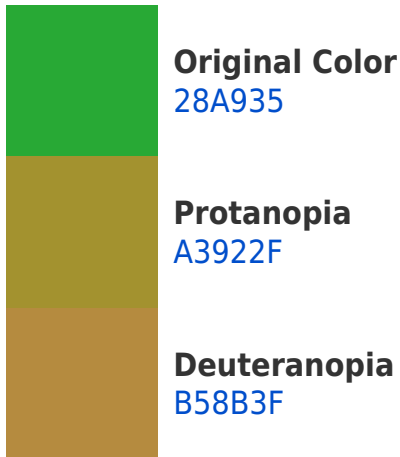


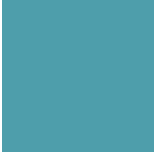
This preview shows how white text looks on a background with the Hex color 28A935.

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
4E9EAB

Trichromacy



Original Color
28A935



Protanomaly
769A31



Deuteranomaly
82963B



Tritanomaly
40A280

Monochromacy



Original Color
28A935



Achromatopsia
757575



Achromatomaly
59885E

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A935 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 #28A935 looks like.

```
.text, #text, p{  
    color:#28A935  
}
```

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 #28A935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A935
}
```

Border

The CSS property to change the border of an element to Hex 28A935 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
#28A935 }
```

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

```
.border{ border-color:#28A935 }
```

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

Here you see how a box with a 4 pixel #28A935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A935; -webkit-box-shadow:4px 4px  
4px 4px #28A935; box-shadow:4px 4px 4px  
4px #28A935 }
```

Background

The CSS property to change the background color of an element to Hex 28A935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A935 }
```

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

```
.background{ background-color:#28A935 }
```

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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