

Converting Colors

Hex(28A449)

Have a look what the booklet for
Hex(28A449) contains.

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Color

Hex(28A449)

Conversions

Conversions Part 1

Format	Color
Hex	28A449
RGB	40, 164, 73
RGB Percent	16%, 64%, 29%
CMY	0.8431, 0.3569, 0.7137
CMYK	0.76, 0.00, 0.55, 0.36
HSL	136°, 61%, 40%
HSV	136°, 76%, 64%
XYZ	15.3531, 27.4831, 10.7989
YIQ	116.5500, -44.6930, -54.5890

Conversions

Conversions Part 2

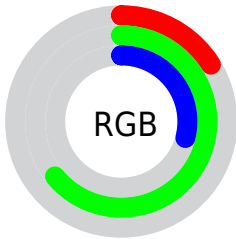
Format	Color
R_{YB}	40, 138, 164
Decimal	2663497
CIE _{Lab}	59.42, -52.78, 37.46
CIE _{LCh}	59, 64.716, 144.636
Yxy	27.4831, 0.2863, 0.5124
Android (android.graphics.Color)	4280853577 (0xFF28A449)
YUV	116.5500, -21.4701, -67.1343
Hunter-Lab	52.4243, -39.4665, 24.4838

Details

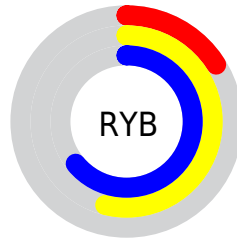
The Hex color **28A449** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A42883**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **69DC7C**, and **006F17** is the 20% darker color. If you saturate the color by 10%, you get **18A43D**, and if you desaturate by 10%, it is **38A455**.

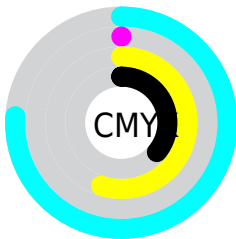
Distribution



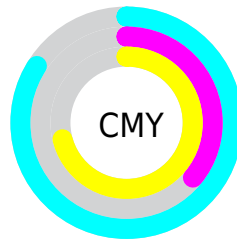
- Red (16%)
- Green (64%)
- Blue (29%)



- Red (16%)
- Yellow (54%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (55%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A449 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 28A449 by changing the saturation by 10% instead.

 28A449

 28A449


FFFFFF

 008930

 69DC7C

 006F17

 86F996

 005500

 A3FFB2

 003D00

 C0FFCD

 002600

 DEFFEA

 000000

 FCFFFF

 28A449

 28A449

 18A43D

 38A455

 07A431

 49A461

 00A42C

 59A46D

 6AA479

 7AA485

 8AA491

 9BA49D

 ABA4A9

 BCA4B5

Harmonies

Analogous

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



7D9A14



28A449



00A983

Triad

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



28A449



0099FF



F35B63

Complementary

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



28A449



A42883

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.



EF579C



28A449



7A84F7

Square

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



28A449



00A5EB



CA6AD2



DD7231

Rectangle

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



28A449



00AAAA



CA6AD2



F55776

Sweetspot

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



28A449



A5D6B2



85A428



4D6B55



EBEBEB



6B6B6B

Same Dimension

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



28A449



13D647



28A485



49524C



009127



001205

Inverse Universe

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



A42883



D613A2



A42847



52494F



91006B



12000D

Previews

White Background



This preview shows how the Hex color 28A449 looks on a white background.

Color Contrast Check

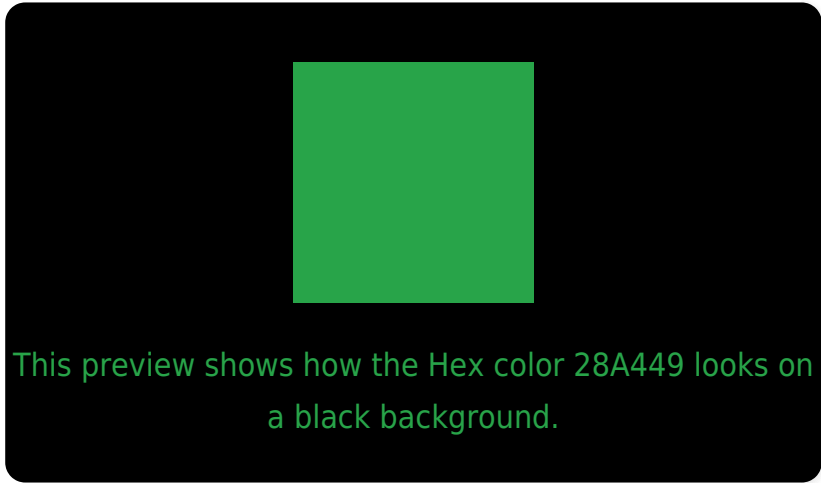
Large Text (above 18pt) WCAG AA ✓ Pass

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 28A449 Background



This preview shows how black text looks on a background with the Hex color 28A449.

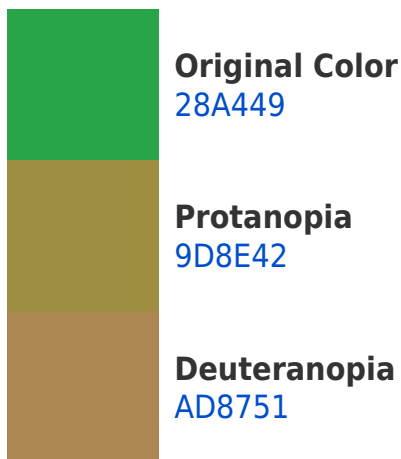


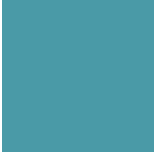
This preview shows how white text looks on a background with the Hex color 28A449.

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
4A9AA7

Trichromacy



Original Color

28A449



Protanomaly

729645



Deuteranomaly

7D924E



Tritanomaly

3E9E85

Monochromacy



Original Color

28A449



Achromatopsia

757575



Achromatomaly

598665

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A449 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 #28A449 looks like.

```
.text, #text, p{  
    color:#28A449  
}
```

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 #28A449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A449
}
```

Border

The CSS property to change the border of an element to Hex 28A449 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
#28A449 }
```

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

```
.border{ border-color:#28A449 }
```

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

Here you see how a box with a 4 pixel #28A449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A449; -webkit-box-shadow:4px 4px  
4px 4px #28A449; box-shadow:4px 4px 4px  
4px #28A449 }
```

Background

The CSS property to change the background color of an element to Hex 28A449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A449 }
```

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

```
.background{ background-color:#28A449 }
```

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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