

Converting Colors

Hex(28A270)

Have a look what the booklet for
Hex(28A270) contains.

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Color

Hex(28A270)

Conversions

Conversions Part 1

Format	Color
Hex	28A270
RGB	40, 162, 112
RGB Percent	16%, 64%, 44%
CMY	0.8431, 0.3647, 0.5608
CMYK	0.75, 0.00, 0.31, 0.36
HSL	155°, 60%, 40%
HSV	155°, 75%, 64%
XYZ	16.7200, 27.4616, 19.7486
YIQ	119.8220, -56.6620, -41.4140

Conversions

Conversions Part 2

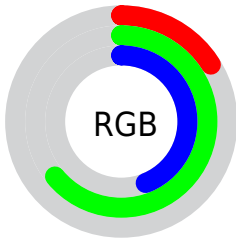
Format	Color
RYB	40, 117, 162
Decimal	2663024
CIELab	59.40, -44.84, 16.79
CIElCh	59, 47.878, 159.474
Yxy	27.4616, 0.2615, 0.4296
Android (android.graphics.Color)	4280853104 (0xFF28A270)
YUV	119.8220, -3.8562, -70.0039
Hunter-Lab	52.4038, -34.7543, 14.3390

Details

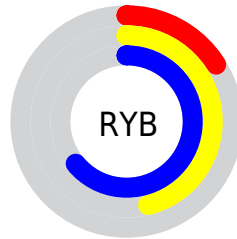
The Hex color **28A270** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A2285A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68DAA4**, and **006D40** is the 20% darker color. If you saturate the color by 10%, you get **18A269**, and if you desaturate by 10%, it is **38A277**.

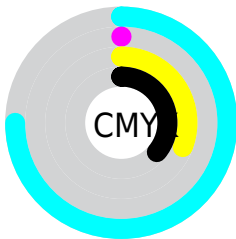
Distribution



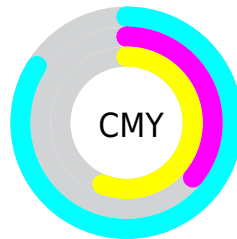
- Red (16%)
- Green (64%)
- Blue (44%)



- Red (16%)
- Yellow (46%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A270 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 28A270 by changing the saturation by 10% instead.

 28A270

 28A270

FFFFFF

 008757

 68DAA4

 006D40

 85F7BF

 00542A

 A2FFDB

 003C14

 BFFFF8

 002600

 DCFFFF

 000000

 FAFFFF

 28A270

 28A270

 18A269

 38A277

■ 08A263

■ 48A27D

■ 00A260

■ 59A284

■ 69A28B

■ 79A291

■ 89A298

■ 99A29E

■ AAA2A5

■ BAA2AC

Harmonies

Analogous

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



6D9C4B



28A270



00A49C

Triad

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



28A270



5D8FE2



D7735C

Complementary

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



28A270



A2285A

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.



DD6A83



28A270



A37FD0

Square

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



28A270



009BDD



CD6FAD



BF823F

Rectangle

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



28A270



00A3B7



CD6FAD



DB6F68

Sweetspot

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



28A270



A3D4C0



5BA228



4D6B5F



EBEBEB



6B6B6B

Same Dimension

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



28A270



15D486



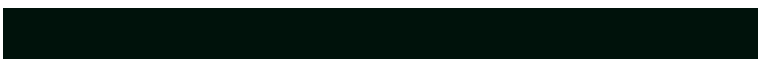
2898A2



49524E



009156



00120B

Inverse Universe

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



A2285A



D41563



A23228



52494D



91003C



120007

Previews

White Background



This preview shows how the Hex color 28A270 looks on a white background.

Color Contrast Check

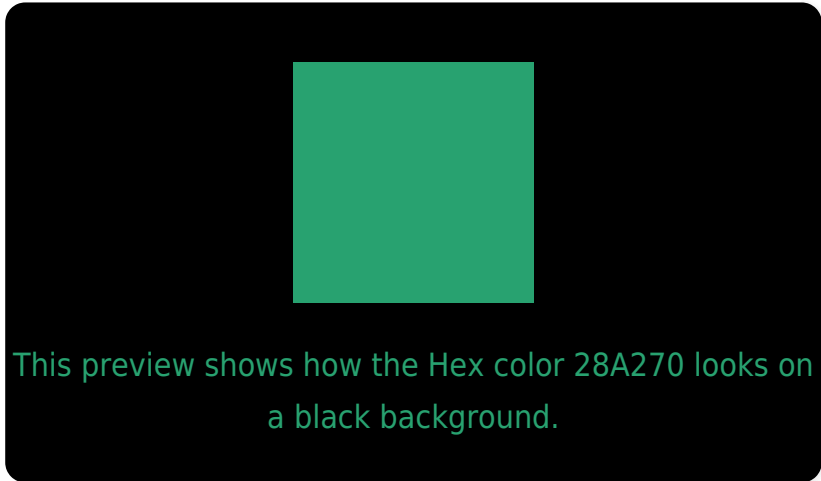
Large Text (above 18pt) WCAG AA ✓ Pass

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

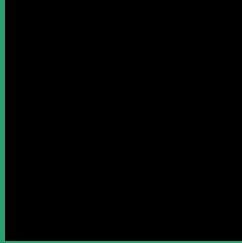
Any Text WCAG AA ✓ Pass

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 28A270 Background



This preview shows how black text looks on a background with the Hex color 28A270.



This preview shows how white text looks on a background with the Hex color 28A270.

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
429BA8

Trichromacy



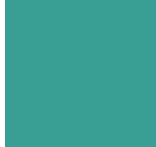
Original Color
28A270



Protanomaly
70956A



Deuteranomaly
779174



Tritanomaly
399E94

Monochromacy



Original Color
28A270



Achromatopsia
787878



Achromatomaly
5B8775

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A270 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 #28A270 looks like.

```
.text, #text, p{  
    color:#28A270  
}
```

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 #28A270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A270
}
```

Border

The CSS property to change the border of an element to Hex 28A270 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
#28A270 }
```

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

```
.border{ border-color:#28A270 }
```

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

Here you see how a box with a 4 pixel #28A270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A270; -webkit-box-shadow:4px 4px  
4px 4px #28A270; box-shadow:4px 4px 4px  
4px #28A270 }
```

Background

The CSS property to change the background color of an element to Hex 28A270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A270 }
```

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

```
.background{ background-color:#28A270 }
```

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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