

Converting Colors

Hex(28A485)

Have a look what the booklet for
Hex(28A485) contains.

Hex(28A485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28A485)

Conversions

Conversions Part 1

Format	Color
Hex	28A485
RGB	40, 164, 133
RGB Percent	16%, 64%, 52%
CMY	0.8431, 0.3569, 0.4784
CMYK	0.76, 0.00, 0.19, 0.36
HSL	165°, 61%, 40%
HSV	165°, 76%, 64%
XYZ	18.3842, 28.6955, 26.7601
YIQ	123.3900, -63.9530, -35.9290

Conversions

Conversions Part 2

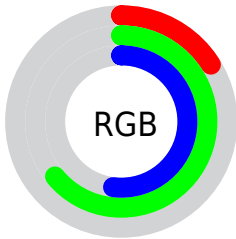
Format	Color
RYB	40, 111, 164
Decimal	2663557
CIELab	60.51, -40.63, 6.64
CIELCh	61, 41.172, 170.719
Yxy	28.6955, 0.2490, 0.3886
Android (android.graphics.Color)	4280853637 (0xFF28A485)
YUV	123.3900, 4.7377, -73.1330
Hunter-Lab	53.5682, -32.4845, 7.8792

Details

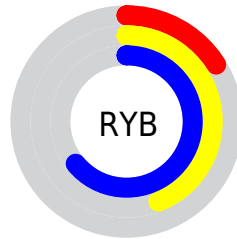
The Hex color **28A485** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A42847**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **69DCBA**, and **006F54** is the 20% darker color. If you saturate the color by 10%, you get **18A481**, and if you desaturate by 10%, it is **38A489**.

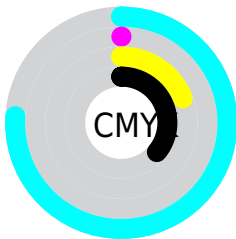
Distribution



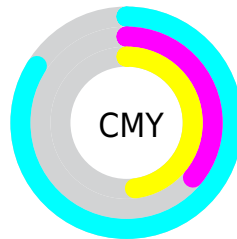
- Red (16%)
- Green (64%)
- Blue (52%)



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



- Cyan (76%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A485 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 28A485 by changing the saturation by 10% instead.

 28A485

 28A485

FFFFFF

 00896C

 69DCBA

 006F54

 86F9D6

 00563C

 A3FFF2

 003E27

 C1FFFF

 002812

 DEFFF

 000400

 FCFFF

 000000

 28A485

 28A485

 18A481

 38A489

07A47D

49A48D

00A47B

59A491

6AA495

7AA49A

8AA49E

9BA4A2

ABA4A6

BCA4AA

Harmonies

Analogous

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



65A062



28A485



00A5AA

Triad

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



28A485



848DD6



CC7F5B

Complementary

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



28A485



A42847

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.



D7757A



28A485



B47FC0

Square

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



28A485



3A99D9



D0759F



B28C49

Rectangle

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



28A485



00A3C0



D0759F



D17B64

Sweetspot

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



28A485



A5D6CA



47A428



4D6B64



EBEBEB



6B6B6B

Same Dimension

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



28A485



13D6A5



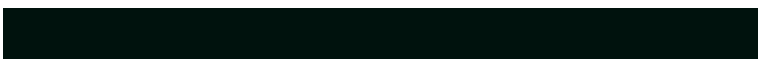
2885A4



495250



00916D



00120D

Inverse Universe

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



A42847



D61344



A44728



52494B



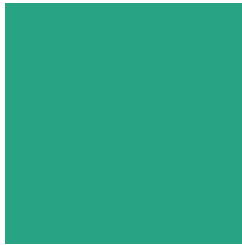
910024



120004

Previews

White Background



This preview shows how the Hex color 28A485 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



This preview shows how the Hex color 28A485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

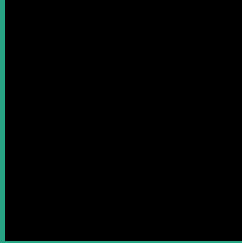
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 28A485 Background



This preview shows how black text looks on a background with the Hex color 28A485.

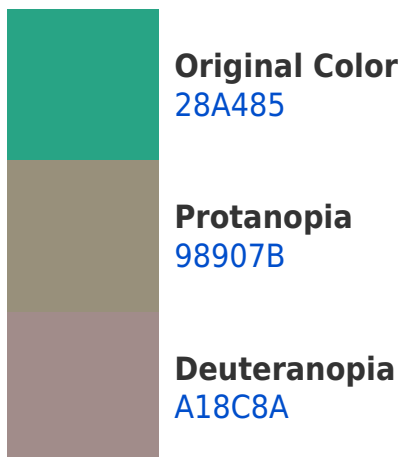


This preview shows how white text looks on a background with the Hex color 28A485.

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
3D9FAC

Trichromacy



Original Color
28A485



Protanomaly
6F977F



Deuteranomaly
759588



Tritanomaly
35A19E

Monochromacy



Original Color
28A485



Achromatopsia
7B7B7B



Achromatomaly
5D8A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A485 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 #28A485 looks like.

```
.text, #text, p{  
    color:#28A485  
}
```

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 #28A485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A485
}
```

Border

The CSS property to change the border of an element to Hex 28A485 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
#28A485 }
```

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

```
.border{ border-color:#28A485 }
```

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

Here you see how a box with a 4 pixel #28A485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A485; -webkit-box-shadow:4px 4px  
4px 4px #28A485; box-shadow:4px 4px 4px  
4px #28A485 }
```

Background

The CSS property to change the background color of an element to Hex 28A485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A485 }
```

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

```
.background{ background-color:#28A485 }
```

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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