

Converting Colors

Hex(28856A)

Have a look what the booklet for
Hex(28856A) contains.

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Color

Hex(28856A)

Conversions

Conversions Part 1

Format	Color
Hex	28856A
RGB	40, 133, 106
RGB Percent	16%, 52%, 42%
CMY	0.8431, 0.4784, 0.5843
CMYK	0.70, 0.00, 0.20, 0.48
HSL	163°, 54%, 34%
HSV	163°, 70%, 52%
XYZ	11.8641, 18.2668, 16.5362
YIQ	102.1150, -46.7610, -28.1130

Conversions

Conversions Part 2

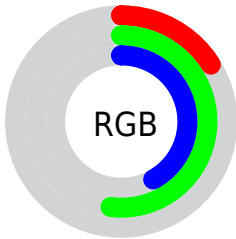
Format	Color
RYB	40, 94, 133
Decimal	2655594
CIELab	49.82, -33.82, 6.77
CIELCh	50, 34.488, 168.673
Yxy	18.2668, 0.2542, 0.3914
Android (android.graphics.Color)	4280845674 (0xFF28856A)
YUV	102.1150, 1.9153, -54.4749
Hunter-Lab	42.7397, -25.2445, 6.9781

Details

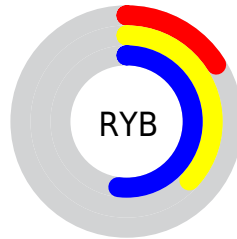
The Hex color **28856A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **852843**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **62BB9D**, and **00523B** is the 20% darker color. If you saturate the color by 10%, you get **1B8566**, and if you desaturate by 10%, it is **35856E**.

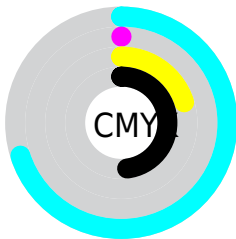
Distribution



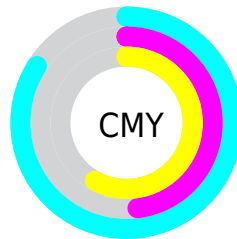
- Red (16%)
- Green (52%)
- Blue (42%)



- Red (16%)
- Yellow (37%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)



- Cyan (84%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28856A 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 28856A by changing the saturation by 10% instead.



28856A



28856A

FFFFFF



006B52



62BB9D



00523B



7ED7B8



003B25



9AF3D4



002610



B6FFF0



000000



D3FFFF



F0FFFF



28856A



28856A



1B8566



35856E

■ 0D8562

■ 438572

■ 00855E

■ 508576

■ 5D8579

■ 6B857D

■ 788581

■ 858585

■ 928589

■ A0858D

Harmonies

Analogous

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



55814F



28856A



008688

Triad

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



28856A



6873AE



A6674C

Complementary

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



28856A



852843

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.



AF5F65



28856A



90689D

Square

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



28856A



2C7DB0



A86083



92713C

Rectangle

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



28856A



00849A



A86083



AB6453

Sweetspot

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



28856A



89ADA3



448528



415750



D6D6D6



575757

Same Dimension

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



28856A



1CAD83



287285



3C4240



00825C



000302

Inverse Universe

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



852843



AD1C46



853B28



423C3E



820026



030001

Previews

White Background



This preview shows how the Hex color 28856A looks on a white background.

Color Contrast Check

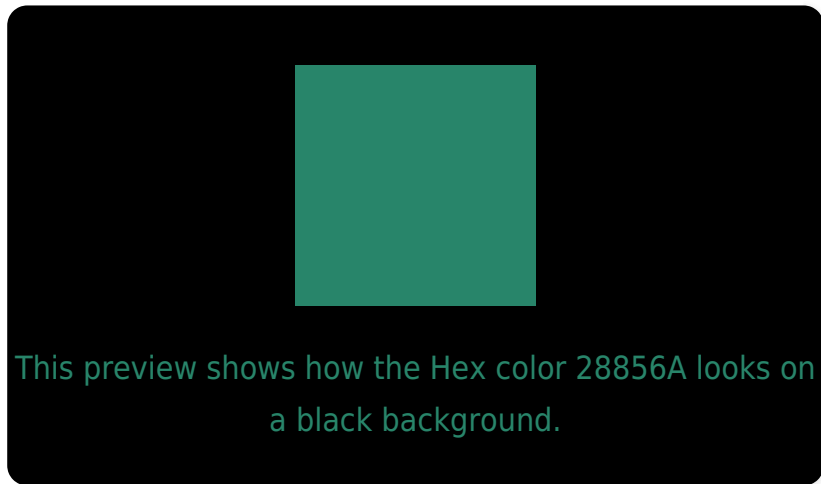
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

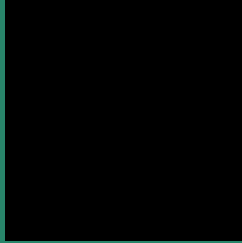
Any Text WCAG AA ✓ Pass

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 28856A Background



This preview shows how black text looks on a background with the Hex color 28856A.

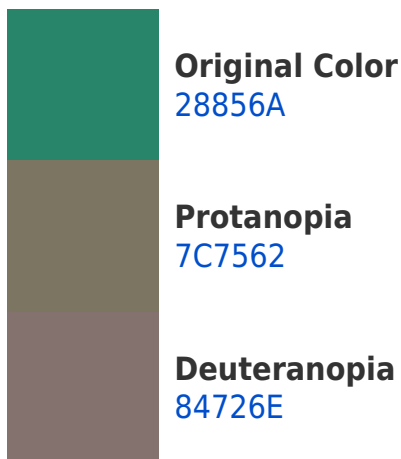


This preview shows how white text looks on a background with the Hex color 28856A.

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
37818B

Trichromacy



Original Color
28856A

Protanomaly
5D7B65

Deuteranomaly
63796D

Tritanomaly
32827F

Monochromacy



Original Color
28856A

Achromatopsia
666666

Achromatomaly
4F7167

CSS Examples

Text

The CSS property to change the color of the text to Hex 28856A 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 #28856A looks like.

```
.text, #text, p{  
    color:#28856A  
}
```

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 #28856A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28856A
}
```

Border

The CSS property to change the border of an element to Hex 28856A 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
#28856A }
```

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

```
.border{ border-color:#28856A }
```

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

Here you see how a box with a 4 pixel #28856A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28856A; -webkit-box-shadow:4px 4px  
4px 4px #28856A; box-shadow:4px 4px 4px  
4px #28856A }
```

Background

The CSS property to change the background color of an element to Hex 28856A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28856A }
```

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

```
.background{ background-color:#28856A }
```

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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