

Converting Colors

Hex(27845D)

Have a look what the booklet for
Hex(27845D) contains.

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Color

Hex(27845D)

Conversions

Conversions Part 1

Format	Color
Hex	27845D
RGB	39, 132, 93
RGB Percent	15%, 52%, 36%
CMY	0.8471, 0.4824, 0.6353
CMYK	0.70, 0.00, 0.30, 0.48
HSL	155°, 54%, 34%
HSV	155°, 70%, 52%
XYZ	11.0637, 17.7242, 13.1939
YIQ	99.7470, -42.9090, -31.8450

Conversions

Conversions Part 2

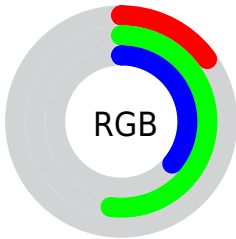
Format	Color
R_{YB}	39, 98, 132
Decimal	2589789
CIE _{Lab}	49.16, -36.73, 13.38
CIE _{LCh}	49, 39.089, 159.991
Yxy	17.7242, 0.2635, 0.4222
Android (android.graphics.Color)	4280779869 (0xFF27845D)
YUV	99.7470, -3.3263, -53.2751
Hunter-Lab	42.1001, -26.7660, 10.8889

Details

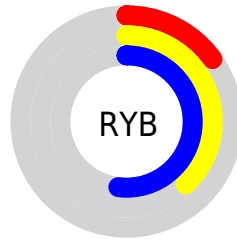
The Hex color **27845D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84274E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **61BA8F**, and **00512F** is the 20% darker color. If you saturate the color by 10%, you get **1A8457**, and if you desaturate by 10%, it is **348463**.

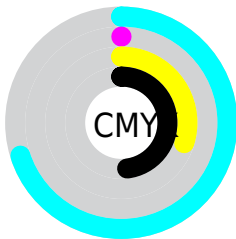
Distribution



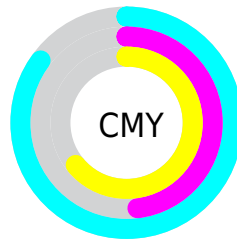
- Red (15%)
- Green (52%)
- Blue (36%)



- Red (15%)
- Yellow (38%)
- Blue (52%)



- Cyan (70%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (85%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27845D 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 27845D by changing the saturation by 10% instead.



27845D



27845D

FFFFFF



006A45



61BA8F



00512F



7CD6AA



003A1A



98F2C5



002500



B4FFE1



000000



D1FFFE



EEFFFF



27845D



27845D



1A8457



348463

0D8452

418468

00844D

4F846E

5C8473

698479

76847E

838484

918489

9E848F

Harmonies

Analogous

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



5A7F40



27845D



00867F

Triad

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



27845D



5075B6



AE5F4C

Complementary

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



27845D



84274E

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.



B3596B



27845D



8668A8

Square

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



27845D



007EB3



A65C8C



9B6B36

Rectangle

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



27845D



008595



A65C8C



B15C56

Sweetspot

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



27845D



87AB9C



4F8427



41574E



D6D6D6



575757

Same Dimension

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



27845D



1AAB6E



277E84



3C4240



00824C



000301

Inverse Universe

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



84274E



AB1A57



842D27



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 27845D looks on a white background.

Color Contrast Check

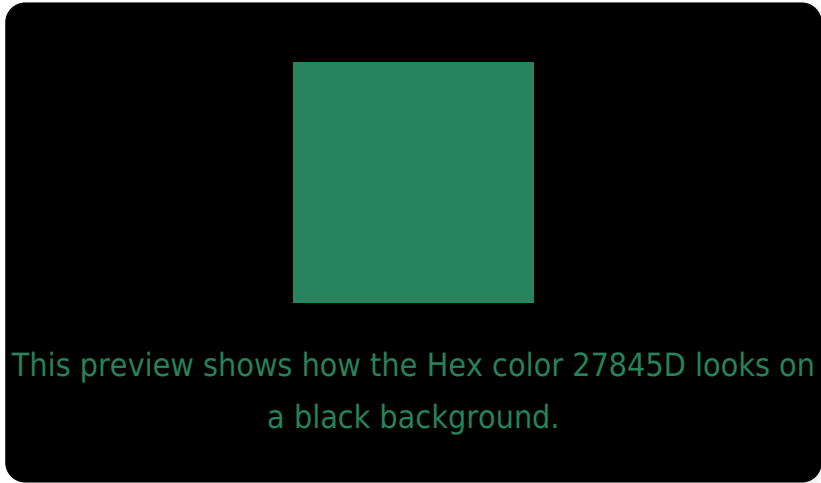
Large Text (above 18pt) WCAG AA ✓ Pass

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 27845D Background



This preview shows how black text looks on a background with the Hex color 27845D.

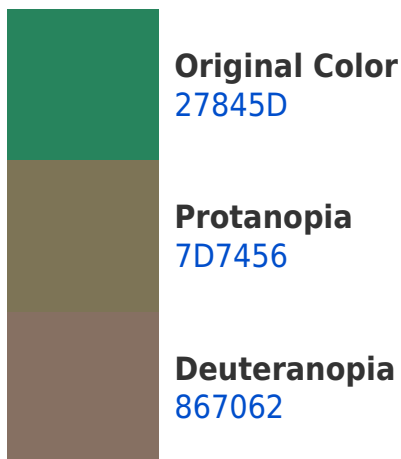


This preview shows how white text looks on a background with the Hex color 27845D.

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
397E89

Trichromacy



Original Color
27845D

Protanomaly
5E7A59

Deuteranomaly
637760

Tritanomaly
328079

Monochromacy



Original Color
27845D

Achromatopsia
646464

Achromatomaly
4E7061

CSS Examples

Text

The CSS property to change the color of the text to Hex 27845D 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 #27845D looks like.

```
.text, #text, p{  
    color:#27845D  
}
```

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 #27845D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27845D
}
```

Border

The CSS property to change the border of an element to Hex 27845D 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
#27845D }
```

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

```
.border{ border-color:#27845D }
```

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

Here you see how a box with a 4 pixel #27845D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27845D; -webkit-box-shadow:4px 4px  
4px 4px #27845D; box-shadow:4px 4px 4px  
4px #27845D }
```

Background

The CSS property to change the background color of an element to Hex 27845D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27845D }
```

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

```
.background{ background-color:#27845D }
```

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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