

Converting Colors

Hex(28675E)

Have a look what the booklet for
Hex(28675E) contains.

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Color

Hex(28675E)

Conversions

Conversions Part 1

Format	Color
Hex	28675E
RGB	40, 103, 94
RGB Percent	16%, 40%, 37%
CMY	0.8431, 0.5961, 0.6314
CMYK	0.61, 0.00, 0.09, 0.60
HSL	171°, 44%, 28%
HSV	171°, 61%, 40%
XYZ	7.7457, 10.9598, 12.2969
YIQ	83.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

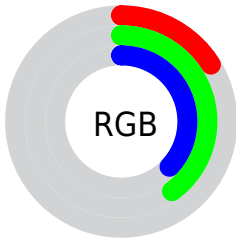
Format	Color
RYB	40, 74, 103
Decimal	2647902
CIELab	39.51, -22.50, -0.96
CIELCh	40, 22.523, 182.449
Yxy	10.9598, 0.2498, 0.3535
Android (android.graphics.Color)	4280837982 (0xFF28675E)
YUV	83.1370, 5.3555, -37.8311
Hunter-Lab	33.1055, -16.1710, 1.1509




Details

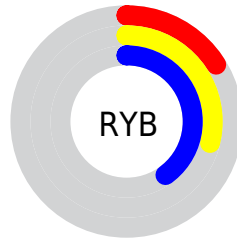
The Hex color **28675E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **672831**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **5C9A90**, and **003730** is the 20% darker color. If you saturate the color by 10%, you get **1E675D**, and if you desaturate by 10%, it is **32675F**.

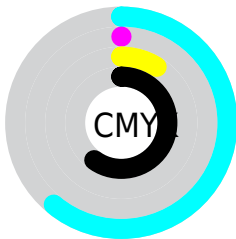
Distribution







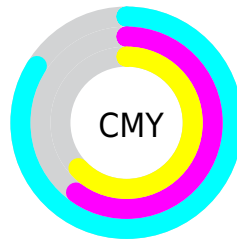
-  Red (16%)
-  Green (40%)
-  Blue (37%)






-  Red (16%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28675E 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 28675E by changing the saturation by 10% instead.

 28675E

 28675E

FFFFFF

 074F46

 5C9A90

 003730

 77B5AB

 00221B

 92D1C6

 000000

 ADEEE2

 C9FFFF

 E6FFFF

 28675E

 28675E

 1E675D

 32675F

■ 13675B

■ 3D6761

■ 09675A

■ 476762

■ 006758

■ 516764

■ 5C6765

■ 666767

■ 706768

■ 7A676A

■ 85676B

Harmonies

Analogous

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



3F654C



28675E



196670

Triad

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



28675E



61587C



77563D

Complementary

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



28675E



672831

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.



80514A



28675E



76526E

Square

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



28675E



465E81



804F5C



685C38

Rectangle

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



28675E



21657A



804F5C



7B5441

Sweetspot

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



28675E



6F8784



316728



364543



C4C4C4



454545

Same Dimension

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



28675E



248779



285167



2E3332



007362



00F2D0

Inverse Universe

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



672831



872433



673E28



332E2F



730010



F20023

Previews

White Background



This preview shows how the Hex color 28675E looks on a white background.

Color Contrast Check

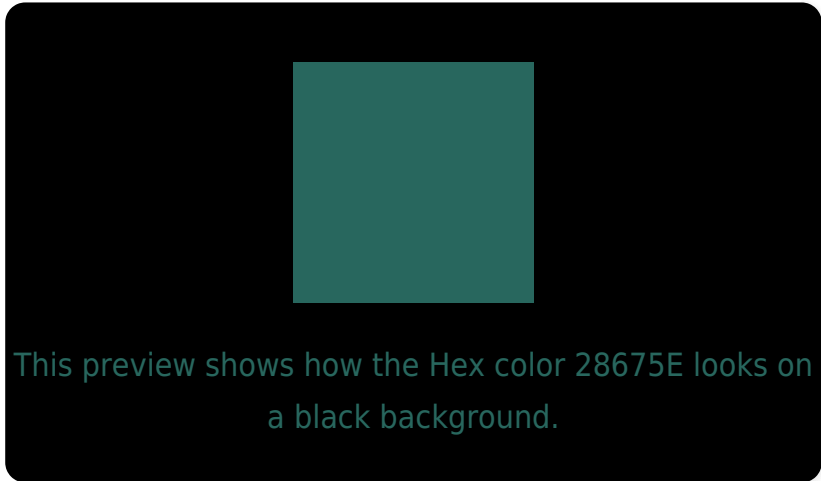
Large Text (above 18pt) WCAG AA ✓ Pass

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

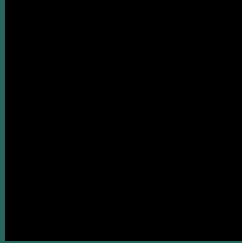
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 28675E Background



This preview shows how black text looks on a background with the Hex color 28675E.

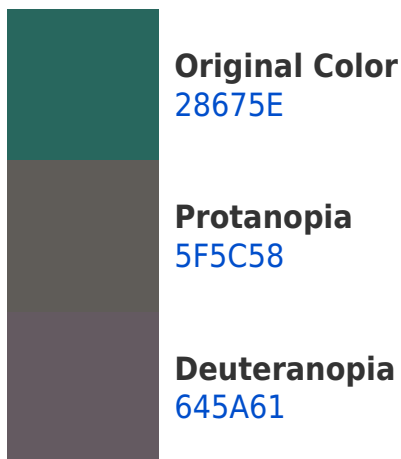



This preview shows how white text looks on a background with the Hex color 28675E.

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](#).

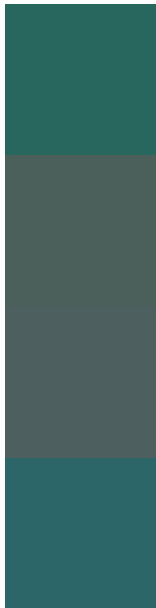
Dichromacy





Tritanopia
2E656D

Trichromacy



Original Color
28675E

Protanomaly
4B605A

Deuteranomaly
4E5F60

Tritanomaly
2C6668

Monochromacy



Original Color
28675E

Achromatopsia
535353

Achromatomaly
435A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 28675E 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 #28675E looks like.

```
.text, #text, p{  
    color:#28675E  
}
```

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 #28675E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28675E
}
```

Border

The CSS property to change the border of an element to Hex 28675E 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
#28675E }
```

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

```
.border{ border-color:#28675E }
```

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

Here you see how a box with a 4 pixel #28675E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28675E; -webkit-box-shadow:4px 4px  
4px 4px #28675E; box-shadow:4px 4px 4px  
4px #28675E }
```

Background

The CSS property to change the background color of an element to Hex 28675E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28675E }
```

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

```
.background{ background-color:#28675E }
```

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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