

Converting Colors

Hex(28753E)

Have a look what the booklet for
Hex(28753E) contains.

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Color

Hex(28753E)

Conversions

Conversions Part 1

Format	Color
Hex	28753E
RGB	40, 117, 62
RGB Percent	16%, 46%, 24%
CMY	0.8431, 0.5412, 0.7569
CMYK	0.66, 0.00, 0.47, 0.54
HSL	137°, 49%, 31%
HSV	137°, 66%, 46%
XYZ	8.1059, 13.5215, 6.7401
YIQ	87.7070, -28.2370, -33.4290

Conversions

Conversions Part 2

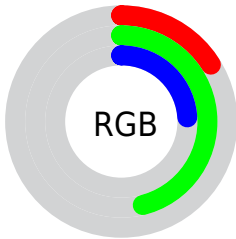
Format	Color
RYB	40, 100, 117
Decimal	2651454
CIELab	43.54, -36.55, 23.54
CIELCh	44, 43.471, 147.218
Yxy	13.5215, 0.2857, 0.4767
Android (android.graphics.Color)	4280841534 (0xFF28753E)
YUV	87.7070, -12.6736, -41.8390
Hunter-Lab	36.7716, -25.0021, 14.8724

Details

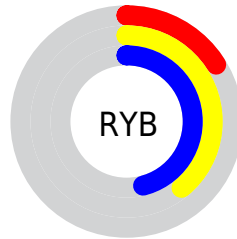
The Hex color **28753E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75285F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5EAA6E**, and **004411** is the 20% darker color. If you saturate the color by 10%, you get **1C7536**, and if you desaturate by 10%, it is **347546**.

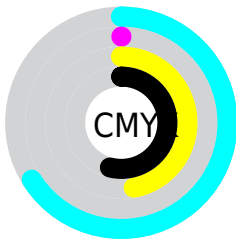
Distribution



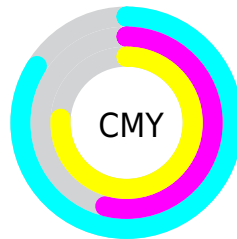
- Red (16%)
- Green (46%)
- Blue (24%)



- Red (16%)
- Yellow (39%)
- Blue (46%)



- Cyan (66%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28753E 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 28753E by changing the saturation by 10% instead.

 28753E

 28753E

FFFFFF

 035C27

 5EAA6E

 004411

 79C588

 002D00

 94E2A3

 001500

 B0FFBE

 000000

 CDFFDA

 EAFFF6

 28753E

 28753E

 1C7536

 347546

■ 11752D

■ 3F754F

■ 057525

■ 4B7557

■ 007521

■ 57755F

■ 637568

■ 6E7570

■ 7A7579

■ 867581

■ 917589

Harmonies

Analogous

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



5A6E22



28753E



007862

Triad

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



28753E



006CAF



A74948

Complementary

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



28753E



75285F

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.



A6466C



28753E



625FA7

Square

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



28753E



0074A3



8F508E



98562A

Rectangle

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



28753E



00787B



8F508E



A94754

Sweetspot

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



28753E



7A9983



5F7528



3A4D3F



CCCCCC



4D4D4D

Same Dimension

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



28753E



209943



287564



353B36



007A23



00FA47

Inverse Universe

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



75285F



992076



752839



3B3539



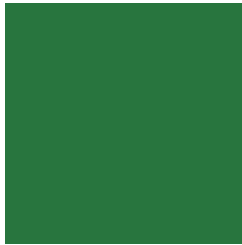
7A0057



FA00B3

Previews

White Background



This preview shows how the Hex color 28753E looks on a white background.

Color Contrast Check

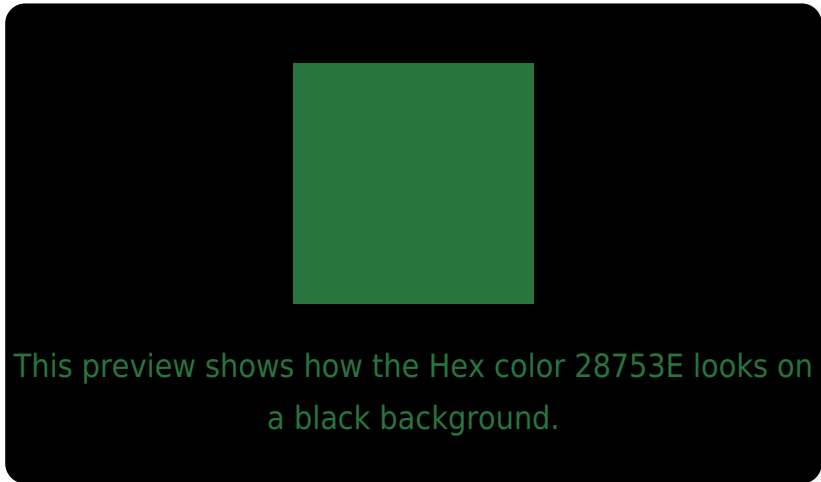
Large Text (above 18pt) WCAG AA ✓ Pass

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 28753E Background



This preview shows how black text looks on a background with the Hex color 28753E.



This preview shows how white text looks on a background with the Hex color 28753E.

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



Original Color
28753E

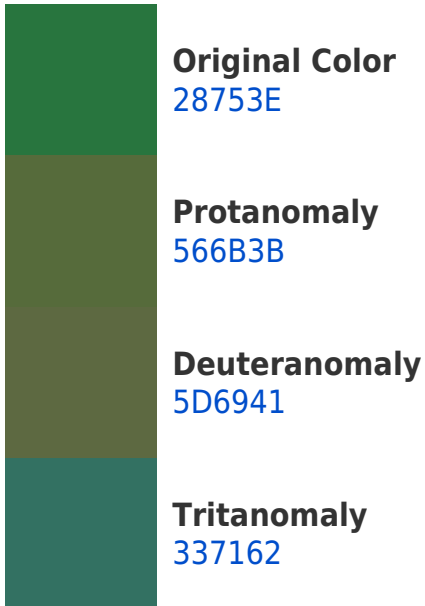
Protanopia
716639

Deuteranopia
7B6243

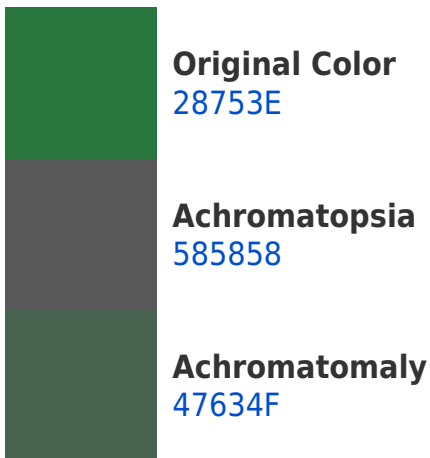


Tritanopia
3A6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28753E 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 #28753E looks like.

```
.text, #text, p{  
    color:#28753E  
}
```

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 #28753E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28753E
}
```

Border

The CSS property to change the border of an element to Hex 28753E 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
#28753E }
```

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

```
.border{ border-color:#28753E }
```

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

Here you see how a box with a 4 pixel #28753E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28753E; -webkit-box-shadow:4px 4px  
4px 4px #28753E; box-shadow:4px 4px 4px  
4px #28753E }
```

Background

The CSS property to change the background color of an element to Hex 28753E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28753E }
```

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

```
.background{ background-color:#28753E }
```

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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