

Converting Colors

Hex(28793C)

Have a look what the booklet for
Hex(28793C) contains.

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Color

Hex(28793C)

Conversions

Conversions Part 1

Format	Color
Hex	28793C
RGB	40, 121, 60
RGB Percent	16%, 47%, 24%
CMY	0.8431, 0.5255, 0.7647
CMYK	0.67, 0.00, 0.50, 0.53
HSL	135°, 50%, 32%
HSV	135°, 67%, 47%
XYZ	8.5281, 14.4521, 6.6150
YIQ	89.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

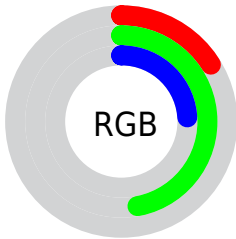
Format	Color
RYB	40, 105, 121
Decimal	2652476
CIELab	44.87, -38.55, 26.33
CIELCh	45, 46.684, 145.663
Yxy	14.4521, 0.2882, 0.4883
Android (android.graphics.Color)	4280842556 (0xFF28793C)
YUV	89.8270, -14.7047, -43.6983
Hunter-Lab	38.0159, -26.4852, 16.2943

Details

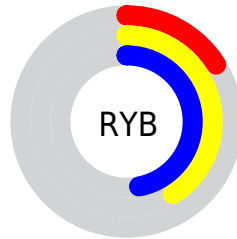
The Hex color **28793C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **792865**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5FAE6D**, and **00470E** is the 20% darker color. If you saturate the color by 10%, you get **1C7933**, and if you desaturate by 10%, it is **347945**.

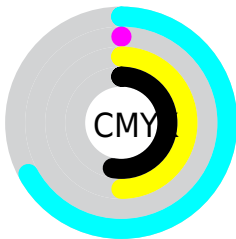
Distribution



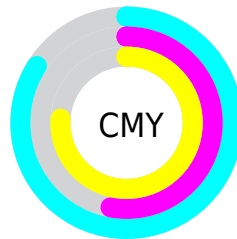
- Red (16%)
- Green (47%)
- Blue (24%)



- Red (16%)
- Yellow (41%)
- Blue (47%)



- Cyan (67%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28793C 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 28793C by changing the saturation by 10% instead.

 28793C

 28793C

FFFFFF

 006025

 5FAE6D

 00470E

 7ACA86

 003000

 96E6A1

 001A00

 B2FFBC

 000000

 CEFFD8

 EBFFF4

 28793C

 28793C

 1C7933

 347945

■ 10792A

■ 40794E

■ 047921

■ 4C7957

■ 00791E

■ 587960

■ 64796A

■ 717973

■ 7D797C

■ 897985

■ 95798E

Harmonies

Analogous

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



5E721D



28793C



007C63

Triad

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



28793C



0070B8



B0494B

Complementary

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



28793C



792865

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.



AD4671



28793C



6162B1

Square

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



28793C



0079AA



945197



A0572A

Rectangle

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



28793C



007D7E



945197



B14657

Sweetspot

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



28793C



7E9E86



667928



3C4F41



CFCFCF



4F4F4F

Same Dimension

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



28793C



209E3F



287963



373D39



007D1F



00FC3E

Inverse Universe

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



792865



9E207F



79283E



3D373C



7D005E



FC00BE

Previews

White Background



This preview shows how the Hex color 28793C looks on a white background.

Color Contrast Check

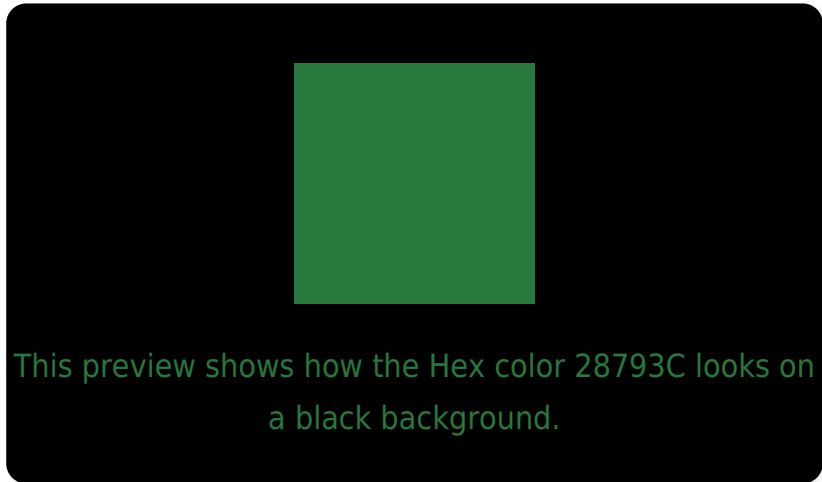
Large Text (above 18pt) WCAG AA ✓ Pass

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

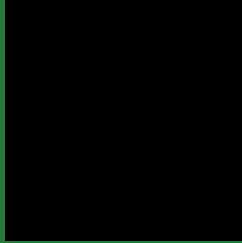
Any Text WCAG AA × Fail

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 28793C Background



This preview shows how black text looks on a background with the Hex color 28793C.



This preview shows how white text looks on a background with the Hex color 28793C.

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
28793C

Protanopia
756A37

Deuteranopia
806541



Tritanopia
3B727B

Trichromacy



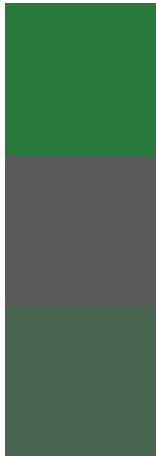
Original Color
28793C

Protanomaly
596F39

Deuteranomaly
606C3F

Tritanomaly
347564

Monochromacy



Original Color
28793C

Achromatopsia
5A5A5A

Achromatomaly
48654F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28793C 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 #28793C looks like.

```
.text, #text, p{  
    color:#28793C  
}
```

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 #28793C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28793C  
}
```

Border

The CSS property to change the border of an element to Hex 28793C 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  
#28793C }
```

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

```
.border{ border-color:#28793C }
```

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

Here you see how a box with a 4 pixel #28793C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28793C; -webkit-box-shadow:4px 4px  
4px 4px #28793C; box-shadow:4px 4px 4px  
4px #28793C }
```

Background

The CSS property to change the background color of an element to Hex 28793C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28793C }
```

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

```
.background{ background-color:#28793C }
```

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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