

Converting Colors

Hex(2D8775)

Have a look what the booklet for
Hex(2D8775) contains.

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Color

Hex(2D8775)

Conversions

Conversions Part 1

Format	Color
Hex	2D8775
RGB	45, 135, 117
RGB Percent	18%, 53%, 46%
CMY	0.8235, 0.4706, 0.5412
CMYK	0.67, 0.00, 0.13, 0.47
HSL	168°, 50%, 35%
HSV	168°, 67%, 53%
XYZ	12.9570, 19.1702, 19.8469
YIQ	106.0380, -47.8620, -24.6780

Conversions

Conversions Part 2

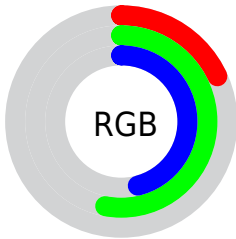
Format	Color
RYB	45, 95, 135
Decimal	2983797
CIELab	50.89, -30.97, 1.92
CIELCh	51, 31.029, 176.449
Yxy	19.1702, 0.2493, 0.3688
Android (android.graphics.Color)	4281173877 (0xFF2D8775)
YUV	106.0380, 5.4043, -53.5303
Hunter-Lab	43.7838, -23.7976, 3.7728

Details

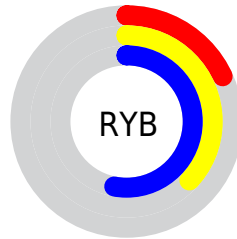
The Hex color **2D8775** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **872D3F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **66BDA9**, and **005445** is the 20% darker color. If you saturate the color by 10%, you get **208772**, and if you desaturate by 10%, it is **3B8778**.

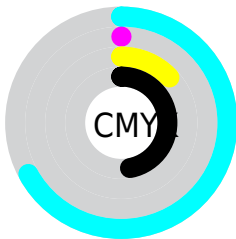
Distribution



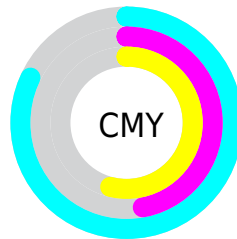
- Red (18%)
- Green (53%)
- Blue (46%)



- Red (18%)
- Yellow (37%)
- Blue (53%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8775 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 2D8775 by changing the saturation by 10% instead.

 2D8775

 2D8775

FFFFFF

 026D5C

 66BDA9

 005445

 82D9C4

 003D2F

 9EF5E0

 00271A

 BAFFFD

 000600

 D7FFFF

 000000

 F5FFFF

 2D8775

 2D8775

 208772

 3B8778

■ 128770

■ 48877A

■ 05876D

■ 56877D

■ 00876C

■ 638780

■ 718783

■ 7E8785

■ 8C8788

■ 99878B

■ A7878D

Harmonies

Analogous

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



53845B



2D8775



008790

Triad

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



2D8775



7773A8



A26D4E

Complementary

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



2D8775



872D3F

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.



AC6663



2D8775



976A97

Square

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



2D8775



4C7DAE



A9657D



8D7744

Rectangle

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



2D8775



00859F



A9657D



A66A54

Sweetspot

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



2D8775



8DB0A9



3F872D



445955



D9D9D9



595959

Same Dimension

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



2D8775



23B094



2D6C87



3C4241



008268



000302

Inverse Universe

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



872D3F



B0233F



87482D



423C3D



82001A



030001

Previews

White Background



This preview shows how the Hex color 2D8775 looks on a white background.

Color Contrast Check

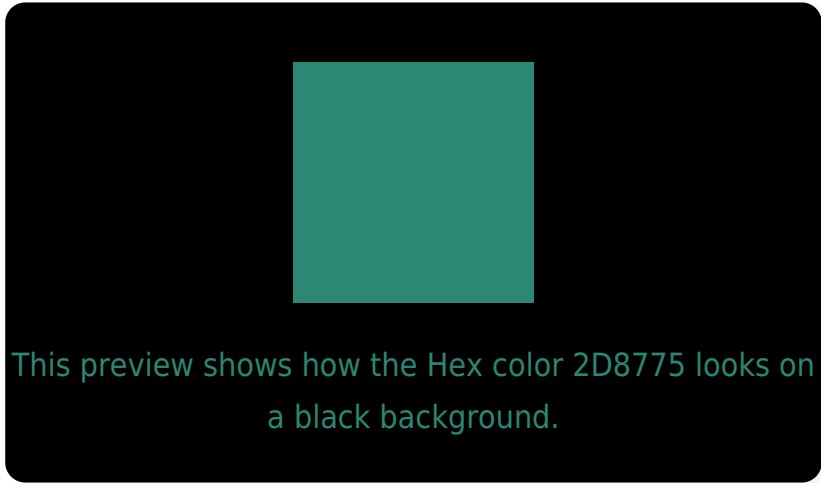
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

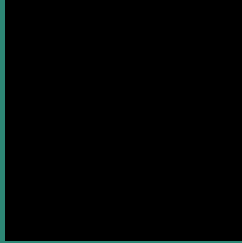
Any Text WCAG AA ✓ Pass

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 2D8775 Background



This preview shows how black text looks on a background with the Hex color 2D8775.

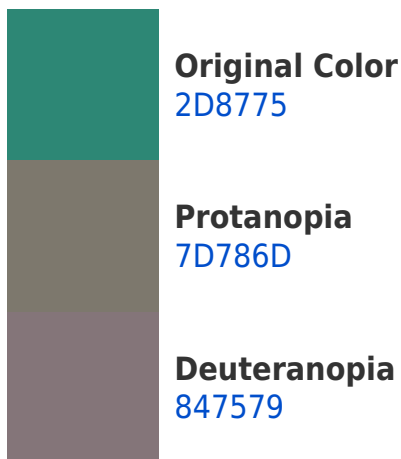


This preview shows how white text looks on a background with the Hex color 2D8775.

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
38838E

Trichromacy



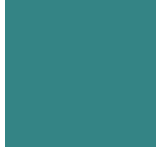
Original Color
2D8775



Protanomaly
607D70



Deuteranomaly
647C78



Tritanomaly
348485

Monochromacy



Original Color
2D8775



Achromatopsia
6A6A6A



Achromatomaly
54756E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8775 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 #2D8775 looks like.

```
.text, #text, p{  
    color:#2D8775  
}
```

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 #2D8775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8775
}
```

Border

The CSS property to change the border of an element to Hex 2D8775 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
#2D8775 }
```

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

```
.border{ border-color:#2D8775 }
```

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

Here you see how a box with a 4 pixel #2D8775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8775; -webkit-box-shadow:4px 4px  
4px 4px #2D8775; box-shadow:4px 4px 4px  
4px #2D8775 }
```

Background

The CSS property to change the background color of an element to Hex 2D8775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8775 }
```

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

```
.background{ background-color:#2D8775 }
```

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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