

Converting Colors

Hex(2A8758)

Have a look what the booklet for
Hex(2A8758) contains.

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Color

Hex(2A8758)

Conversions

Conversions Part 1

Format	Color
Hex	2A8758
RGB	42, 135, 88
RGB Percent	16%, 53%, 35%
CMY	0.8353, 0.4706, 0.6549
CMYK	0.69, 0.00, 0.35, 0.47
HSL	150°, 53%, 35%
HSV	150°, 69%, 53%
XYZ	11.3803, 18.5248, 12.2084
YIQ	101.8350, -40.3410, -34.3330

Conversions

Conversions Part 2

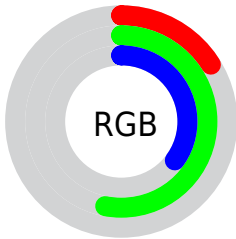
Format	Color
RYB	42, 104, 135
Decimal	2787160
CIELab	50.13, -38.59, 17.57
CIElCh	50, 42.401, 155.520
Yxy	18.5248, 0.2702, 0.4399
Android (android.graphics.Color)	4280977240 (0xFF2A8758)
YUV	101.8350, -6.8207, -52.4753
Hunter-Lab	43.0404, -28.1237, 13.3108

Details

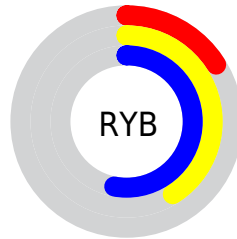
The Hex color **2A8758** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **872A59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **63BD8A**, and **00542A** is the 20% darker color. If you saturate the color by 10%, you get **1C8751**, and if you desaturate by 10%, it is **37875F**.

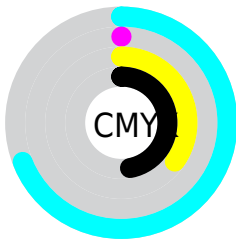
Distribution



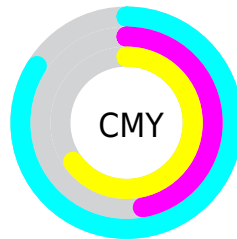
- Red (16%)
- Green (53%)
- Blue (35%)



- Red (16%)
- Yellow (41%)
- Blue (53%)



- Cyan (69%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (84%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8758 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 2A8758 by changing the saturation by 10% instead.

 2A8758

 2A8758

FFFFFF

 006D40

 63BD8A

 00542A

 7FD9A5

 003C15

 9BF6C0

 002700

 B7FFDC

 000100

 D4FFF8

 000000

 F1FFFF

 2A8758

 2A8758

 1C8751

 37875F

■ 0F874A

■ 458766

■ 018744

■ 52876C

■ 008743

■ 608773

■ 6E877A

■ 7B8781

■ 898788

■ 96878F

■ A38795

Harmonies

Analogous

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



60813A



2A8758



00897D

Triad

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



2A8758



4079BF



B75E4F

Complementary

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



2A8758



872A59

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.



BA5872



2A8758



826BB2

Square

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



2A8758



0083B8



A95D96



A46B35

Rectangle

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



2A8758



008995



A95D96



BA5B5A

Sweetspot

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



2A8758



8BB09D



5A872A



43594E



D9D9D9



595959

Same Dimension

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



2A8758



1EB066



2A8785



3C423F



008240



000301

Inverse Universe

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



872A59



B01E68



872A2C



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 2A8758 looks on a white background.

Color Contrast Check

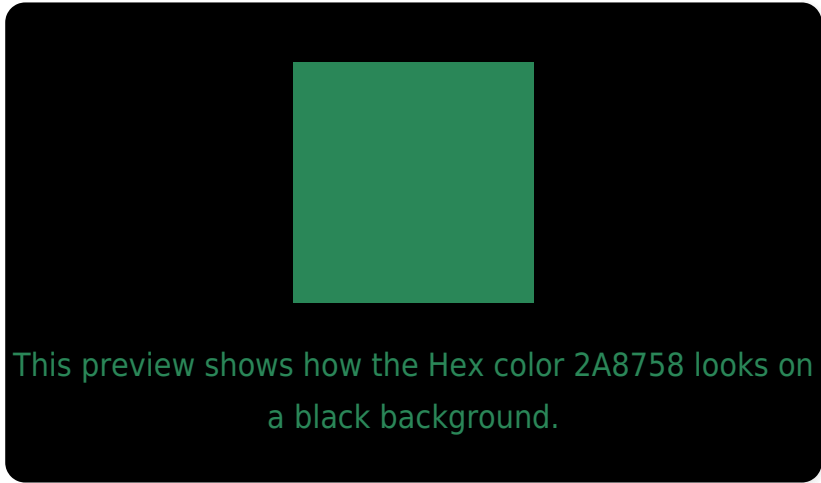
Large Text (above 18pt) WCAG AA ✓ Pass

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

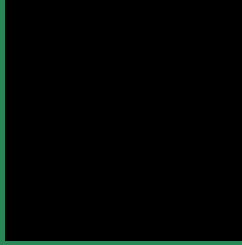
Any Text WCAG AA ✓ Pass

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 2A8758 Background



This preview shows how black text looks on a background with the Hex color 2A8758.

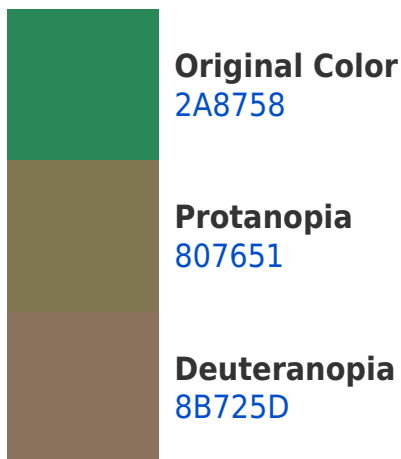


This preview shows how white text looks on a background with the Hex color 2A8758.

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
3D818B

Trichromacy



Original Color
2A8758



Protanomaly
617C54



Deuteranomaly
687A5B



Tritanomaly
368378

Monochromacy



Original Color
2A8758



Achromatopsia
666666



Achromatomaly
507261

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8758 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 #2A8758 looks like.

```
.text, #text, p{  
    color:#2A8758  
}
```

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 #2A8758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8758
}
```

Border

The CSS property to change the border of an element to Hex 2A8758 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".

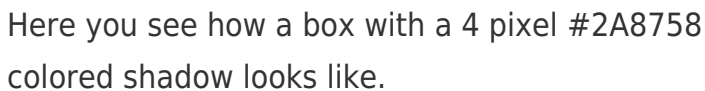
```
.border, #border, table{ border:4px solid
#2A8758 }
```

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

```
.border{ border-color:#2A8758 }
```

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

Here you see how a box with a 4 pixel #2A8758 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8758; -webkit-box-shadow:4px 4px  
4px 4px #2A8758; box-shadow:4px 4px 4px  
4px #2A8758 }
```

Background

The CSS property to change the background color of an element to Hex 2A8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8758 }
```

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

```
.background{ background-color:#2A8758 }
```

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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