

Converting Colors

Hex(2A8F55)

Have a look what the booklet for
Hex(2A8F55) contains.

| | |
|--|----|
| Hex(2A8F55) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2A8F55)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2A8F55 |
| RGB | 42, 143, 85 |
| RGB Percent | 16%, 56%, 33% |
| CMY | 0.8353, 0.4392, 0.6667 |
| CMYK | 0.71, 0.00, 0.41, 0.44 |
| HSL | 146°, 55%, 36% |
| HSV | 146°, 71%, 56% |
| XYZ | 12.4170, 20.7930, 11.9533 |
| YIQ | 106.1890, -41.5780, -39.4500 |

Conversions

Conversions Part 2

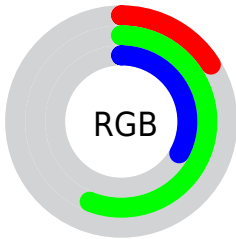
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 42, 113, 143 |
| Decimal | 2789205 |
| CIELab | 52.72, -42.51, 22.72 |
| CIELCh | 53, 48.203, 151.876 |
| Yxy | 20.7930, 0.2749, 0.4604 |
| Android (android.graphics.Color) | 4280979285 (0xFF2A8F55) |
| YUV | 106.1890, -10.4462, -56.2938 |
| Hunter-Lab | 45.5994, -31.1923, 16.3774 |

Details

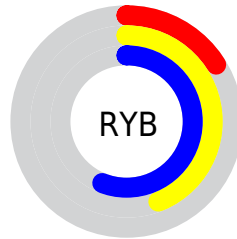
The Hex color **2A8F55** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2A64**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65C687**, and **005B27** is the 20% darker color. If you saturate the color by 10%, you get **1C8F4D**, and if you desaturate by 10%, it is **388F5D**.

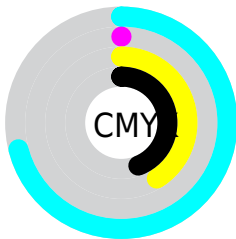
Distribution



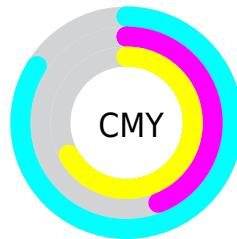
- Red (16%)
- Green (56%)
- Blue (33%)



- Red (16%)
- Yellow (44%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8F55 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 2A8F55 by changing the saturation by 10% instead.



2A8F55



2A8F55

FFFFFF



00753D



65C687



005B27



81E2A2



004311



9DFFBD



002C00



BAFFD9



001100



D7FFF5



000000



F4FFFF



2A8F55



2A8F55



1C8F4D



388F5D

 0D8F45

 478F65

 008F3D

 558F6E

 638F76

 718F7E

 808F86

 8E8F8E

 9C8F97

 AB8F9F

Harmonies

Analogous

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



688833



2A8F55



00927F

Triad

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



2A8F55



2382D1



C75E54

Complementary

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



2A8F55



8F2A64

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.



C8587D



2A8F55



8372C4

Square

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



2A8F55



008CC6



B261A6



B36D34

Rectangle

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



2A8F55



00929B



B261A6



CA5B61

Sweetspot

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



2A8F55



93BAA4



658F2A



475E51



DEDEDE



5E5E5E

Same Dimension

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



2A8F55



1CBA5F



2A8F87



404743



00873A



000803

Inverse Universe

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



8F2A64



BA1C77



8F2A32



474044



87004E



080004

Previews

White Background



This preview shows how the Hex color 2A8F55 looks on a white background.

Color Contrast Check

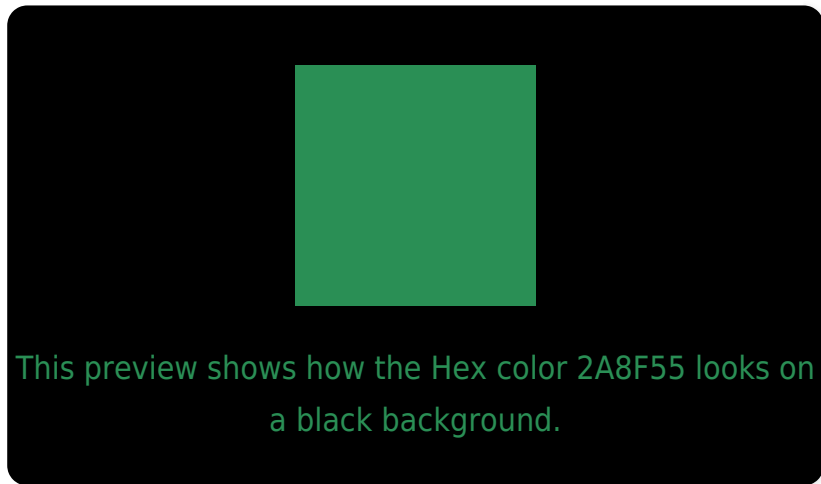
Large Text (above 18pt) WCAG AA ✓ Pass

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

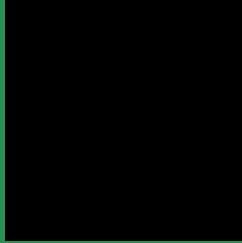
Any Text WCAG AA ✓ Pass

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 2A8F55 Background



This preview shows how black text looks on a background with the Hex color 2A8F55.



This preview shows how white text looks on a background with the Hex color 2A8F55.

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
2A8F55

Protanopia
887D4E

Deuteranopia
94785A



Tritanopia
418893

Trichromacy



Original Color
2A8F55



Protanomaly
668451



Deuteranomaly
6D8058



Tritanomaly
398B7C

Monochromacy



Original Color
2A8F55



Achromatopsia
6A6A6A



Achromatomaly
537762

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8F55 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 #2A8F55 looks like.

```
.text, #text, p{  
    color:#2A8F55  
}
```

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 #2A8F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8F55  
}
```

Border

The CSS property to change the border of an element to Hex 2A8F55 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  
#2A8F55 }
```

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

```
.border{ border-color:#2A8F55 }
```

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

Here you see how a box with a 4 pixel #2A8F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8F55; -webkit-box-shadow:4px 4px  
4px 4px #2A8F55; box-shadow:4px 4px 4px  
4px #2A8F55 }
```

Background

The CSS property to change the background color of an element to Hex 2A8F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8F55 }
```

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

```
.background{ background-color:#2A8F55 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor