

Converting Colors

Hex(2A9248)

Have a look what the booklet for
Hex(2A9248) contains.

Hex(2A9248)	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(2A9248)

Conversions

Conversions Part 1

Format	Color
Hex	2A9248
RGB	42, 146, 72
RGB Percent	16%, 57%, 28%
CMY	0.8353, 0.4275, 0.7176
CMYK	0.71, 0.00, 0.51, 0.43
HSL	137°, 55%, 37%
HSV	137°, 71%, 57%
XYZ	12.4034, 21.5179, 9.6305
YIQ	106.4680, -38.2300, -45.0620

Conversions

Conversions Part 2

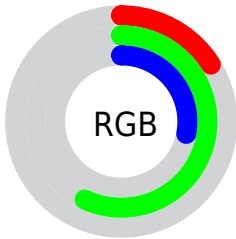
Format	Color
R_{YB}	42, 123, 146
Decimal	2789960
CIE _{Lab}	53.51, -46.01, 30.74
CIE _{LCh}	54, 55.330, 146.253
Yxy	21.5179, 0.2848, 0.4941
Android (android.graphics.Color)	4280980040 (0xFF2A9248)
YUV	106.4680, -16.9927, -56.5384
Hunter-Lab	46.3874, -33.4492, 20.1619

Details

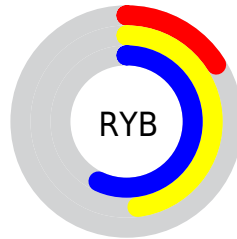
The Hex color **2A9248** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **922A74**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **66C97A**, and **005E19** is the 20% darker color. If you saturate the color by 10%, you get **1B923E**, and if you desaturate by 10%, it is **399252**.

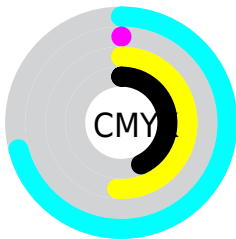
Distribution



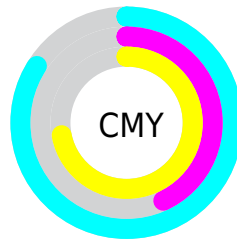
- Red (16%)
- Green (57%)
- Blue (28%)



- Red (16%)
- Yellow (48%)
- Blue (57%)



- Cyan (71%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9248 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 2A9248 by changing the saturation by 10% instead.



2A9248



2A9248

FFFFFF



007830



66C97A



005E19



82E594



004500



9EFFAF



002F00



BBFFCB



001500



D8FFE7



000000



F6FFFF



2A9248



2A9248



1B923E



399252

■ 0D9233

■ 47925D

■ 00922A

■ 569267

■ 649272

■ 73927C

■ 829286

■ 909291

■ 9F929B

■ AD92A5

Harmonies

Analogous

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



6F8920



2A9248



009678

Triad

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



2A9248



0087DF



D45759

Complementary

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



2A9248



922A74

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.



D25288



2A9248



7576D6

Square

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



2A9248



0092CF



B461B5



C16930

Rectangle

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



2A9248



009799



B461B5



D65368

Sweetspot

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



2A9248



95BDA1



75922A



475E4E



DEDEDE



5E5E5E

Same Dimension

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



2A9248



1CBD4B



2A927B



434A45



008A28



000A03

Inverse Universe

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



922A74



BD1C8E



922A41



4A4348



8A0062



0A0007

Previews

White Background



This preview shows how the Hex color 2A9248 looks on a white background.

Color Contrast Check

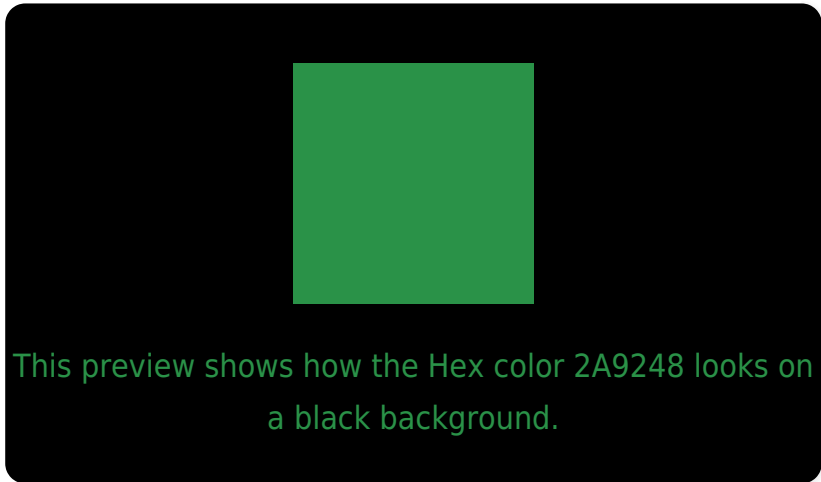
Large Text (above 18pt) WCAG AA ✓ Pass

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

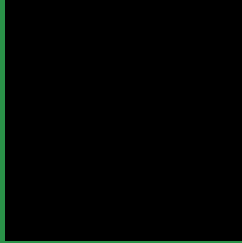
Any Text WCAG AA ✓ Pass

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 2A9248 Background



This preview shows how black text looks on a background with the Hex color 2A9248.



This preview shows how white text looks on a background with the Hex color 2A9248.

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](#).

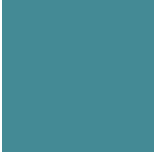
Dichromacy



Original Color
2A9248

Protanopia
8C7F42

Deuteranopia
9A794E



Tritanopia
448A95

Trichromacy



Original Color
2A9248



Protanomaly
688644



Deuteranomaly
71824C



Tritanomaly
3B8D79

Monochromacy



Original Color
2A9248



Achromatopsia
6A6A6A



Achromatomaly
53795E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9248 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 #2A9248 looks like.

```
.text, #text, p{  
    color:#2A9248  
}
```

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 #2A9248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9248
}
```

Border

The CSS property to change the border of an element to Hex 2A9248 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
#2A9248 }
```

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

```
.border{ border-color:#2A9248 }
```

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

Here you see how a box with a 4 pixel #2A9248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9248; -webkit-box-shadow:4px 4px  
4px 4px #2A9248; box-shadow:4px 4px 4px  
4px #2A9248 }
```

Background

The CSS property to change the background color of an element to Hex 2A9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9248 }
```

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

```
.background{ background-color:#2A9248 }
```

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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