

Converting Colors

Hex(2A6949)

Have a look what the booklet for
Hex(2A6949) contains.

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Color

Hex(2A6949)

Conversions

Conversions Part 1

Format	Color
Hex	2A6949
RGB	42, 105, 73
RGB Percent	16%, 41%, 29%
CMY	0.8353, 0.5882, 0.7137
CMYK	0.60, 0.00, 0.30, 0.59
HSL	150°, 43%, 29%
HSV	150°, 60%, 41%
XYZ	7.2090, 11.0764, 8.0613
YIQ	82.5150, -27.2760, -23.3080

Conversions

Conversions Part 2

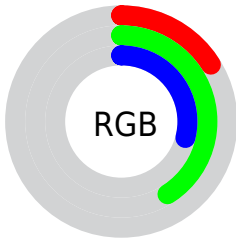
Format	Color
RYB	42, 84, 105
Decimal	2779465
CIELab	39.71, -28.48, 12.07
CIELCh	40, 30.928, 157.031
Yxy	11.0764, 0.2736, 0.4204
Android (android.graphics.Color)	4280969545 (0xFF2A6949)
YUV	82.5150, -4.6909, -35.5317
Hunter-Lab	33.2813, -19.5775, 8.9358

Details

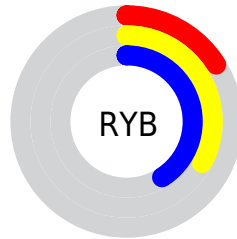
The Hex color **2A6949** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **692A4A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5E9D7A**, and **00391D** is the 20% darker color. If you saturate the color by 10%, you get **206944**, and if you desaturate by 10%, it is **35694E**.

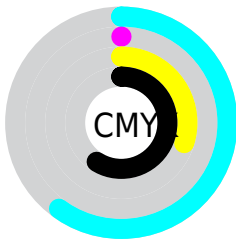
Distribution



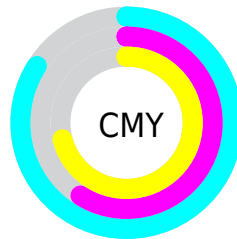
- Red (16%)
- Green (41%)
- Blue (29%)



- Red (16%)
- Yellow (33%)
- Blue (41%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6949 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 2A6949 by changing the saturation by 10% instead.

 2A6949

 2A6949


FFFFFF

 0C5032

 5E9D7A

 00391D

 78B894

 002405

 93D4AE

 000000

 AEF0CA

 CAFFE6

 E7FFFF

 2A6949

 2A6949

 206944

 35694E

■ 15693E

■ 3F6954

■ 0A6939

■ 4A6959

■ 006934

■ 54695E

■ 5F6964

■ 696969

■ 74696E

■ 7E6974

■ 896979

Harmonies

Analogous

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



4C6534



2A6949



006B63

Triad

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



2A6949



3F5E8F



8A4D40

Complementary

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



2A6949



692A4A

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.



8D4959



2A6949



685586

Square

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



2A6949



00658C



824C72



7D552F

Rectangle

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



2A6949



006A74



824C72



8D4B48

Sweetspot

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



2A6949



718A7D



4B692A



36453D



C4C4C4



454545

Same Dimension

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



2A6949



278A57



2A6968



303633



00753A



00F578

Inverse Universe

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



692A4A



8A2759



692A2B



363033



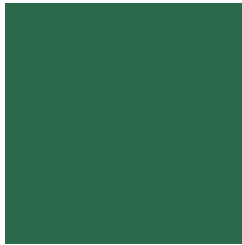
75003C



F5007C

Previews

White Background



This preview shows how the Hex color 2A6949 looks on a white background.

Color Contrast Check

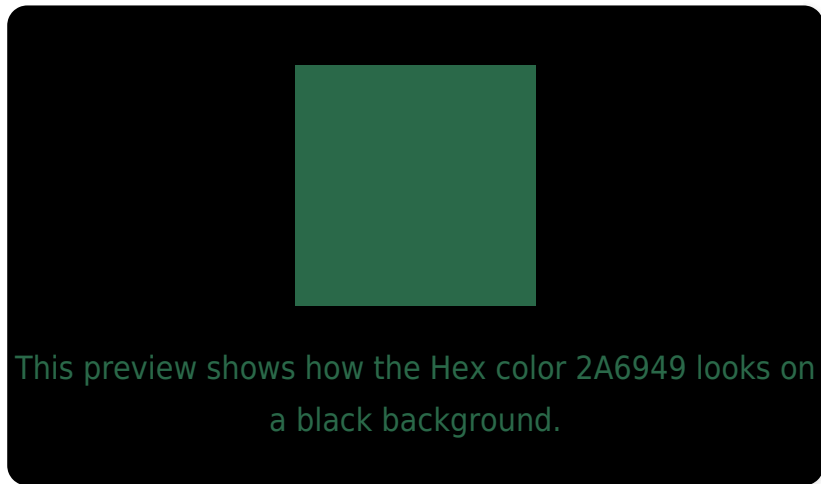
Large Text (above 18pt) WCAG AA ✓ Pass

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

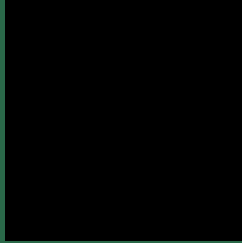
Any Text WCAG AA × Fail

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 2A6949 Background



This preview shows how black text looks on a background with the Hex color 2A6949.



This preview shows how white text looks on a background with the Hex color 2A6949.

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
2A6949

Protanopia
645D44

Deuteranopia
6C594C



Tritanopia
35646D

Trichromacy



Original Color
2A6949

Protanomaly
4F6146

Deuteranomaly
545F4B

Tritanomaly
316660

Monochromacy



Original Color
2A6949

Achromatopsia
535353

Achromatomaly
445B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6949 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 #2A6949 looks like.

```
.text, #text, p{  
    color:#2A6949  
}
```

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 #2A6949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6949
}
```

Border

The CSS property to change the border of an element to Hex 2A6949 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
#2A6949 }
```

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

```
.border{ border-color:#2A6949 }
```

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

Here you see how a box with a 4 pixel #2A6949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6949; -webkit-box-shadow:4px 4px  
4px 4px #2A6949; box-shadow:4px 4px 4px  
4px #2A6949 }
```

Background

The CSS property to change the background color of an element to Hex 2A6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6949 }
```

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

```
.background{ background-color:#2A6949 }
```

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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