

Converting Colors

Hex(2A6A59)

Have a look what the booklet for
Hex(2A6A59) contains.

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Color

Hex(2A6A59)

Conversions

Conversions Part 1

Format	Color
Hex	2A6A59
RGB	42, 106, 89
RGB Percent	16%, 42%, 35%
CMY	0.8353, 0.5843, 0.6510
CMYK	0.60, 0.00, 0.16, 0.58
HSL	164°, 43%, 29%
HSV	164°, 60%, 42%
XYZ	7.9121, 11.5216, 11.2581
YIQ	84.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

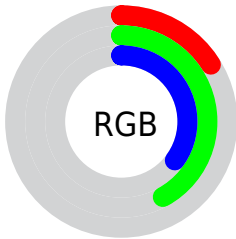
Format	Color
RYB	42, 79, 106
Decimal	2779737
CIELab	40.45, -24.98, 3.45
CIELCh	40, 25.219, 172.140
Yxy	11.5216, 0.2578, 0.3754
Android (android.graphics.Color)	4280969817 (0xFF2A6A59)
YUV	84.9260, 2.0085, -37.6461
Hunter-Lab	33.9434, -17.7936, 4.0956

Details

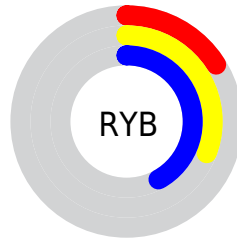
The Hex color **2A6A59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A2A3B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5E9E8B**, and **003A2C** is the 20% darker color. If you saturate the color by 10%, you get **1F6A56**, and if you desaturate by 10%, it is **356A5C**.

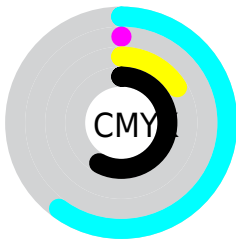
Distribution



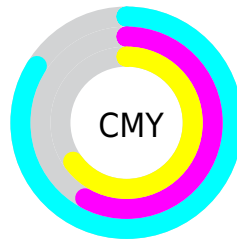
- Red (16%)
- Green (42%)
- Blue (35%)



- Red (16%)
- Yellow (31%)
- Blue (42%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)



- Cyan (84%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6A59 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 2A6A59 by changing the saturation by 10% instead.



2A6A59



2A6A59

FFFFFF



0B5142



5E9E8B



003A2C



78B9A5



002417



93D5C0



000300



AFF1DC



000000



CBFFF9



E8FFFF



2A6A59



2A6A59



1F6A56



356A5C

■ 156A53

■ 3F6A5F

■ 0A6A51

■ 4A6A61

■ 006A4E

■ 546A64

■ 5F6A67

■ 6A6A6A

■ 746A6D

■ 7F6A70

■ 896A72

Harmonies

Analogous

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



456845



2A6A59



086A6E

Triad

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



2A6A59



5A5C85



815540

Complementary

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



2A6A59



6A2A3B

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.



875051



2A6A59



745579

Square

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



2A6A59



376388



845066



725C36

Rectangle

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



2A6A59



03697A



845066



845345

Sweetspot

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



2A6A59



718A83



3B6A2A



364541



C4C4C4



454545

Same Dimension

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



2A6A59



278A6F



2A5B6A



303634



007556



00F5B4

Inverse Universe

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



6A2A3B



8A2741



6A392A



363032



75001F



F50041

Previews

White Background



This preview shows how the Hex color 2A6A59 looks on a white background.

Color Contrast Check

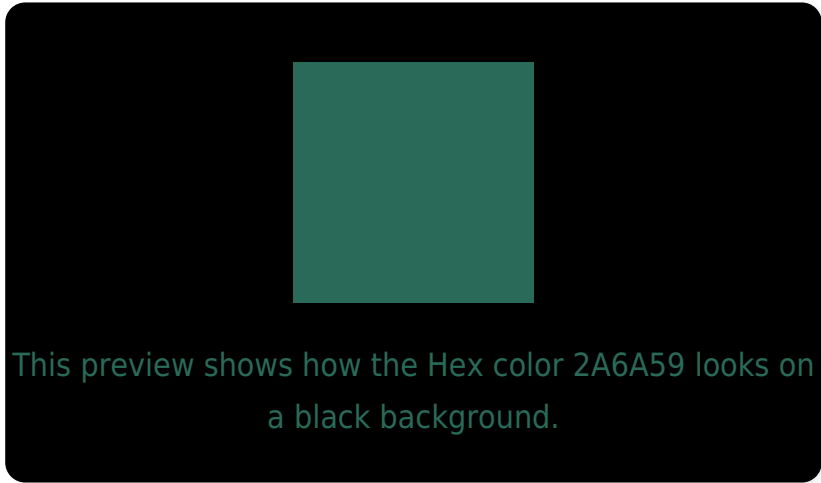
Large Text (above 18pt) WCAG AA ✓ Pass

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

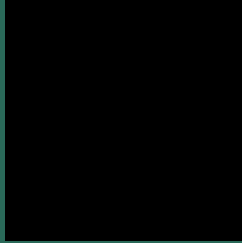
Any Text WCAG AA × Fail

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 2A6A59 Background



This preview shows how black text looks on a background with the Hex color 2A6A59.



This preview shows how white text looks on a background with the Hex color 2A6A59.

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
2A6A59

Protanopia
635F53

Deuteranopia
695C5C



Tritanopia
32676F

Trichromacy



Original Color
2A6A59

Protanomaly
4E6355

Deuteranomaly
52615B

Tritanomaly
2F6867

Monochromacy



Original Color
2A6A59

Achromatopsia
555555

Achromatomaly
455D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6A59 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 #2A6A59 looks like.

```
.text, #text, p{  
    color:#2A6A59  
}
```

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 #2A6A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6A59
}
```

Border

The CSS property to change the border of an element to Hex 2A6A59 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
#2A6A59 }
```

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

```
.border{ border-color:#2A6A59 }
```

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

Here you see how a box with a 4 pixel #2A6A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6A59; -webkit-box-shadow:4px 4px  
4px 4px #2A6A59; box-shadow:4px 4px 4px  
4px #2A6A59 }
```

Background

The CSS property to change the background color of an element to Hex 2A6A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6A59 }
```

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

```
.background{ background-color:#2A6A59 }
```

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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