

# Converting Colors

Hex(2A6F5A)

Have a look what the booklet for  
Hex(2A6F5A) contains.

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# Color

Hex(2A6F5A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A6F5A
RGB	42, 111, 90
RGB Percent	16%, 44%, 35%
CMY	0.8353, 0.5647, 0.6471
CMYK	0.62, 0.00, 0.19, 0.56
HSL	162°, 45%, 30%
HSV	162°, 62%, 44%
XYZ	8.4847, 12.5993, 11.6576
YIQ	87.9750, -34.3830, -21.1590

# Conversions

## Conversions Part 2

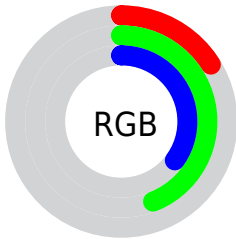
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 83, 111
Decimal	2781018
CIELab	42.15, -27.20, 5.30
CIELCh	42, 27.709, 168.982
Yxy	12.5993, 0.2591, 0.3848
Android (android.graphics.Color)	4280971098 (0xFF2A6F5A)
YUV	87.9750, 0.9983, -40.3201
Hunter-Lab	35.4955, -19.4490, 5.3746




# Details

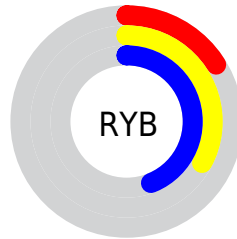
The Hex color **2A6F5A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F2A3F**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **5FA38C**, and **003F2C** is the 20% darker color. If you saturate the color by 10%, you get **1F6F57**, and if you desaturate by 10%, it is **356F5D**.

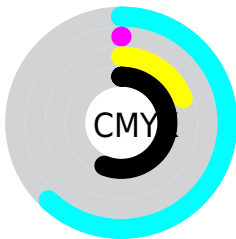
# Distribution







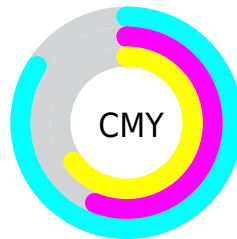
-  Red (16%)
-  Green (44%)
-  Blue (35%)






-  Red (16%)
-  Yellow (33%)
-  Blue (44%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (56%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A6F5A 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 2A6F5A by changing the saturation by 10% instead.





2A6F5A



2A6F5A

FFFFFF



095643



5FA38C



003F2C



7ABEA6



002818



95DAC2



000E00



B0F7DD



000000



CCFFFA



E9FFFF



2A6F5A



2A6F5A



1F6F57



356F5D

■ 146F53

■ 406F61

■ 096F50

■ 4B6F64

■ 006F4D

■ 566F68

■ 626F6B

■ 6D6F6E

■ 786F72

■ 836F75

■ 8E6F78

# Harmonies

## Analogous

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



4A6C45



2A6F5A



006F72

# Triad

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



2A6F5A



59618F



895742

# Complementary

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



2A6F5A



6F2A3F

# 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.



905256



2A6F5A



785882

# Square

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



2A6F5A



306890



8A526D



7A5F36

# Rectangle

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



2A6F5A



006E7F



8A526D



8D5548



# Sweetspot

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



2A6F5A



769189



406F2A



394A45



C9C9C9



4A4A4A



# Same Dimension

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



2A6F5A



249170



2A626F



323836



007853



00F7AC



# Inverse Universe

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



6F2A3F



912446



6F372A



383234



780024



F7004B



# Previews

## White Background



This preview shows how the Hex color 2A6F5A looks on a white background.

## Color Contrast Check

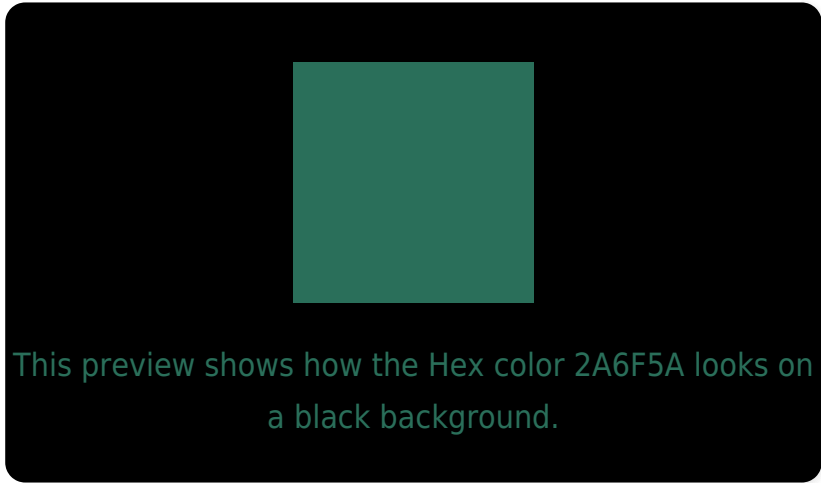
Large Text (above 18pt) WCAG AA ✓ Pass

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

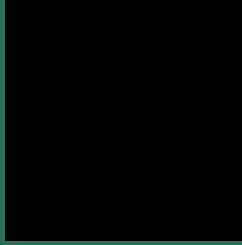
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A6F5A Background



This preview shows how black text looks on a background with the Hex color 2A6F5A.



This preview shows how white text looks on a background with the Hex color 2A6F5A.

# 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**  
2A6F5A

**Protanopia**  
686354

**Deuteranopia**  
6F605D



**Tritanopia**  
346B74

# Trichromacy



**Original Color**  
2A6F5A

**Protanomaly**  
516756

**Deuteranomaly**  
56655C

**Tritanomaly**  
306C6B

# Monochromacy



**Original Color**  
2A6F5A

**Achromatopsia**  
585858

**Achromatomaly**  
476059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A6F5A 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 #2A6F5A looks like.

```
.text, #text, p{  
    color:#2A6F5A  
}
```

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 #2A6F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6F5A
}
```

## Border

The CSS property to change the border of an element to Hex 2A6F5A 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
#2A6F5A }
```

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

```
.border{ border-color:#2A6F5A }
```

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

Here you see how a box with a 4 pixel #2A6F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6F5A; -webkit-box-shadow:4px 4px  
4px 4px #2A6F5A; box-shadow:4px 4px 4px  
4px #2A6F5A }
```

# Background

The CSS property to change the background color of an element to Hex 2A6F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6F5A }
```

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

```
.background{ background-color:#2A6F5A }
```

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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