

Converting Colors

Hex(2A6749)

Have a look what the booklet for
Hex(2A6749) contains.

Hex(2A6749)	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(2A6749)

Conversions

Conversions Part 1

Format	Color
Hex	2A6749
RGB	42, 103, 73
RGB Percent	16%, 40%, 29%
CMY	0.8353, 0.5961, 0.7137
CMYK	0.59, 0.00, 0.29, 0.60
HSL	150°, 42%, 28%
HSV	150°, 59%, 40%
XYZ	7.0077, 10.6738, 7.9942
YIQ	81.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

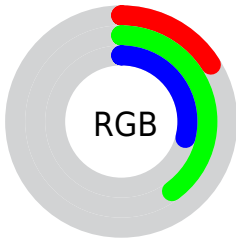
Format	Color
RYB	42, 82, 103
Decimal	2778953
CIELab	39.03, -27.52, 11.12
CIELCh	39, 29.682, 157.989
Yxy	10.6738, 0.2729, 0.4157
Android (android.graphics.Color)	4280969033 (0xFF2A6749)
YUV	81.3410, -4.1121, -34.5021
Hunter-Lab	32.6707, -18.8866, 8.3618




Details

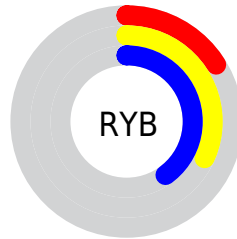
The Hex color **2A6749** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **672A48**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5D9B7A**, and **00371D** is the 20% darker color. If you saturate the color by 10%, you get **206744**, and if you desaturate by 10%, it is **34674E**.

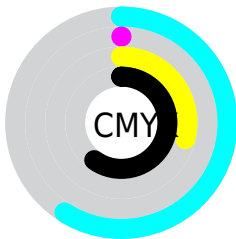
Distribution







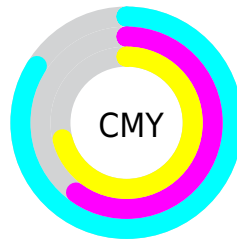
-  Red (16%)
-  Green (40%)
-  Blue (29%)






-  Red (16%)
-  Yellow (32%)
-  Blue (40%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (29%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6749 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 2A6749 by changing the saturation by 10% instead.

 2A6749

 2A6749

FFFFFF

 0D4F32

 5D9B7A

 00371D

 77B693

 002205

 92D1AE

 000000

 ADEECA

 C9FFE6

 E6FFFF

 2A6749

 2A6749

 206744

 34674E

■ 15673F

■ 3F6753

■ 0B673A

■ 496758

■ 016735

■ 53675D

■ 006734

■ 5E6762

■ 686767

■ 72676C

■ 7C6772

■ 876777

Harmonies

Analogous

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



4B6335



2A6749



006862

Triad

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



2A6749



405C8C



874C3F

Complementary

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



2A6749



672A48

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.



894856



2A6749



675382

Square

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



2A6749



006388



7F4B6E



79542F

Rectangle

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



2A6749



006872



7F4B6E



894A47

Sweetspot

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



2A6749



6F877B



49672A



36453D



C4C4C4



454545

Same Dimension

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



2A6749



278758



2A6767



2E3330



00733A



00F27B

Inverse Universe

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



672A48



872756



672A2A



332E30



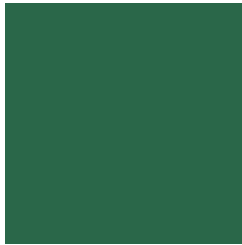
730038



F20077

Previews

White Background



This preview shows how the Hex color 2A6749 looks on a white background.

Color Contrast Check

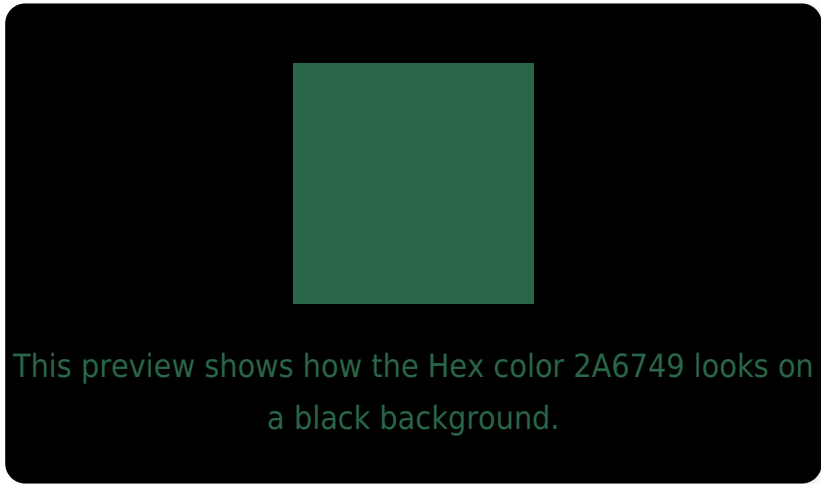
Large Text (above 18pt) WCAG AA ✓ Pass

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

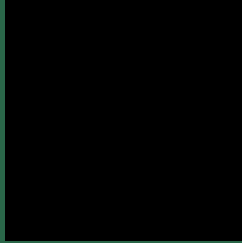
Any Text WCAG AA × Fail

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 2A6749 Background



This preview shows how black text looks on a background with the Hex color 2A6749.



This preview shows how white text looks on a background with the Hex color 2A6749.

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
2A6749

Protanopia
625B44

Deuteranopia
6A584C



Tritanopia
35636B

Trichromacy



Original Color
2A6749

Protanomaly
4E5F46

Deuteranomaly
535D4B

Tritanomaly
31645F

Monochromacy



Original Color
2A6749

Achromatopsia
515151

Achromatomaly
43594E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6749 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 #2A6749 looks like.

```
.text, #text, p{  
    color:#2A6749  
}
```

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 #2A6749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6749
}
```

Border

The CSS property to change the border of an element to Hex 2A6749 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
#2A6749 }
```

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

```
.border{ border-color:#2A6749 }
```

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

Here you see how a box with a 4 pixel #2A6749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6749; -webkit-box-shadow:4px 4px  
4px 4px #2A6749; box-shadow:4px 4px 4px  
4px #2A6749 }
```

Background

The CSS property to change the background color of an element to Hex 2A6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6749 }
```

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

```
.background{ background-color:#2A6749 }
```

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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