

Converting Colors

Hex(2A8044)

Have a look what the booklet for
Hex(2A8044) contains.

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Color

Hex(2A8044)

Conversions

Conversions Part 1

Format	Color
Hex	2A8044
RGB	42, 128, 68
RGB Percent	16%, 50%, 27%
CMY	0.8353, 0.4980, 0.7333
CMYK	0.67, 0.00, 0.47, 0.50
HSL	138°, 51%, 33%
HSV	138°, 67%, 50%
XYZ	9.7174, 16.3479, 8.1121
YIQ	95.4460, -31.9960, -36.8920

Conversions

Conversions Part 2

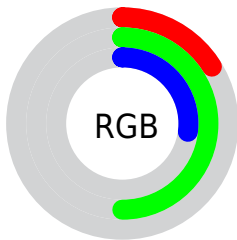
Format	Color
RYB	42, 108, 128
Decimal	2785348
CIELab	47.43, -39.60, 25.20
CIElCh	47, 46.937, 147.526
Yxy	16.3479, 0.2843, 0.4783
Android (android.graphics.Color)	4280975428 (0xFF2A8044)
YUV	95.4460, -13.5309, -46.8721
Hunter-Lab	40.4326, -27.8571, 16.4072

Details

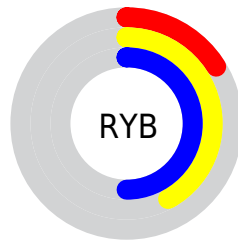
The Hex color **2A8044** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **802A66**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **62B675**, and **004E16** is the 20% darker color. If you saturate the color by 10%, you get **1D803B**, and if you desaturate by 10%, it is **37804D**.

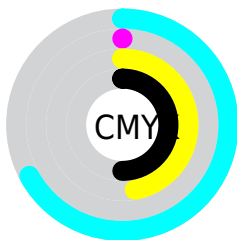
Distribution



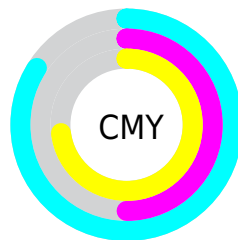
- Red (16%)
- Green (50%)
- Blue (27%)



- Red (16%)
- Yellow (42%)
- Blue (50%)



- Cyan (67%)
- Magenta (0%)
- Yellow (47%)
- Black (50%)



- Cyan (84%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A8044 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 2A8044 by changing the saturation by 10% instead.

 2A8044

 2A8044

FFFFFF

 01662D

 62B675

 004E16

 7DD28F

 003600

 99EEAA

 002100

 B5FFC5

 000000

 D2FFE1

 EFFFFE

 2A8044

 2A8044

 1D803B

 37804D

■ 108032

■ 448056

■ 048029

■ 50805F

■ 008027

■ 5D8068

■ 6A8071

■ 77807A

■ 848083

■ 90808B

■ 9D8094

Harmonies

Analogous

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



617925



2A8044



00836C

Triad

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



2A8044



0076BF



B7504E

Complementary

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



2A8044



802A66

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.



B54C75



2A8044



6B67B7

Square

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



2A8044



007FB3



9D579C



A65E2D

Rectangle

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



2A8044



008487



9D579C



B94D5B

Sweetspot

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



2A8044



85A68F



66802A



405446



D4D4D4



545454

Same Dimension

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



2A8044



1FA648



2A806F



39403B



008027



000000

Inverse Universe

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



802A66



A61F7D



802A3B



40393E



800059



000000

Previews

White Background



This preview shows how the Hex color 2A8044 looks on a white background.

Color Contrast Check

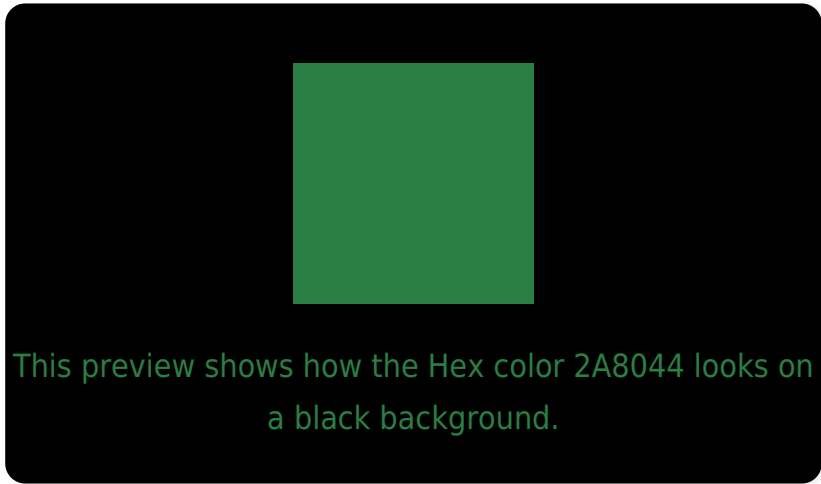
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A8044 Background



This preview shows how black text looks on a background with the Hex color 2A8044.



This preview shows how white text looks on a background with the Hex color 2A8044.

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
2A8044

Protanopia
7B703E

Deuteranopia
866B49



Tritanopia
3E7983

Trichromacy



Original Color
2A8044



Protanomaly
5E7640



Deuteranomaly
657347



Tritanomaly
377C6C

Monochromacy



Original Color
2A8044



Achromatopsia
5F5F5F



Achromatomaly
4C6B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8044 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 #2A8044 looks like.

```
.text, #text, p{  
    color:#2A8044  
}
```

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 #2A8044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8044
}
```

Border

The CSS property to change the border of an element to Hex 2A8044 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
#2A8044 }
```

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

```
.border{ border-color:#2A8044 }
```

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

Here you see how a box with a 4 pixel #2A8044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8044; -webkit-box-shadow:4px 4px  
4px 4px #2A8044; box-shadow:4px 4px 4px  
4px #2A8044 }
```

Background

The CSS property to change the background color of an element to Hex 2A8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8044 }
```

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

```
.background{ background-color:#2A8044 }
```

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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