

Converting Colors

Hex(2A8427)

Have a look what the booklet for
Hex(2A8427) contains.

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Color

Hex(2A8427)

Conversions

Conversions Part 1

Format	Color
Hex	2A8427
RGB	42, 132, 39
RGB Percent	16%, 52%, 15%
CMY	0.8353, 0.4824, 0.8471
CMYK	0.68, 0.00, 0.70, 0.48
HSL	118°, 54%, 34%
HSV	118°, 70%, 52%
XYZ	9.5723, 17.1413, 4.7235
YIQ	94.4880, -23.7870, -48.0030

Conversions

Conversions Part 2

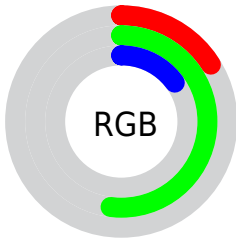
Format	Color
R_{YB}	39, 132, 129
Decimal	2786343
CIE _{Lab}	48.44, -45.12, 40.82
CIE _{LCh}	48, 60.847, 137.861
Yxy	17.1413, 0.3045, 0.5453
Android (android.graphics.Color)	4280976423 (0xFF2A8427)
YUV	94.4880, -27.3556, -46.0320
Hunter-Lab	41.4020, -31.1835, 22.2170

Details

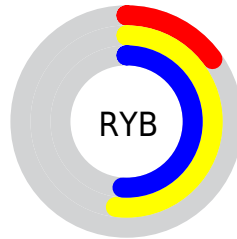
The Hex color **2A8427** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **812784**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64BA59**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **1D841A**, and if you desaturate by 10%, it is **378434**.

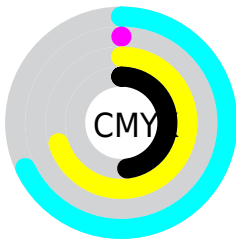
Distribution



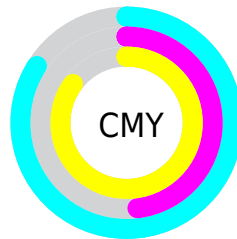
- Red (16%)
- Green (52%)
- Blue (15%)



- Red (15%)
- Yellow (52%)
- Blue (51%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (48%)



- Cyan (84%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8427 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 2A8427 by changing the saturation by 10% instead.



2A8427



2A8427

FFFFFF



006A0B



64BA59



005100



80D673



003900



9CF38D



002400



B8FFA8



000000



D5FFC4



F3FFE0



FFFFFFD



2A8427



2A8427

■ 1D841A

■ 378434

■ 10840D

■ 448441

■ 048400

■ 50844F

■ 5D845C

■ 6A8469

■ 778476

■ 838483

■ 908491

■ 9D849E

Harmonies

Analogous

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



6E7A00



2A8427



00895C

Triad

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



2A8427



007FD8



CE3D57

Complementary

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



2A8427



812784

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.



C43F8A



2A8427



406ED6

Square

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



2A8427



0088BF



9B56B9



BE5227

Rectangle

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



2A8427



008A80



9B56B9



CE3B68

Sweetspot

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



2A8427



88AB87



848127



425741



D6D6D6



575757

Same Dimension

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



2A8427



1EAB1A



278452



3C423C



048200



000300

Inverse Universe

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



812784



A61AAB



842759



423C42



7E0082



020003

Previews

White Background



This preview shows how the Hex color 2A8427 looks on a white background.

Color Contrast Check

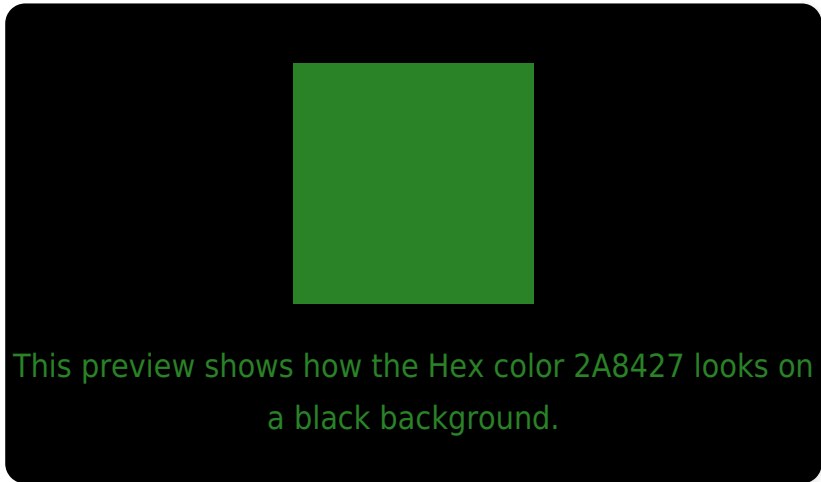
Large Text (above 18pt) WCAG AA ✓ Pass

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

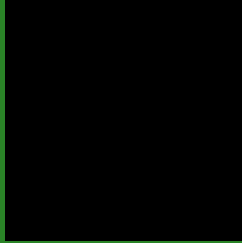
Any Text WCAG AA × Fail

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 2A8427 Background



This preview shows how black text looks on a background with the Hex color 2A8427.



This preview shows how white text looks on a background with the Hex color 2A8427.

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
2A8427

Protanopia
807322

Deuteranopia
8E6D2F



Tritanopia
427B85

Trichromacy



Original Color

2A8427



Protanomaly

617924



Deuteranomaly

6A752C



Tritanomaly

397E63

Monochromacy



Original Color

2A8427



Achromatopsia

5E5E5E



Achromatomaly

4B6C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8427 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 #2A8427 looks like.

```
.text, #text, p{  
    color:#2A8427  
}
```

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 #2A8427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8427
}
```

Border

The CSS property to change the border of an element to Hex 2A8427 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
#2A8427 }
```

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

```
.border{ border-color:#2A8427 }
```

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

Here you see how a box with a 4 pixel #2A8427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8427; -webkit-box-shadow:4px 4px  
4px 4px #2A8427; box-shadow:4px 4px 4px  
4px #2A8427 }
```

Background

The CSS property to change the background color of an element to Hex 2A8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8427 }
```

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

```
.background{ background-color:#2A8427 }
```

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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