

Converting Colors

Hex(2A8F22)

Have a look what the booklet for
Hex(2A8F22) contains.

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Color

Hex(2A8F22)

Conversions

Conversions Part 1

Format	Color
Hex	2A8F22
RGB	42, 143, 34
RGB Percent	16%, 56%, 13%
CMY	0.8353, 0.4392, 0.8667
CMYK	0.71, 0.00, 0.76, 0.44
HSL	116°, 62%, 35%
HSV	116°, 76%, 56%
XYZ	11.0660, 20.2527, 4.8393
YIQ	100.3750, -25.2070, -55.3110

Conversions

Conversions Part 2

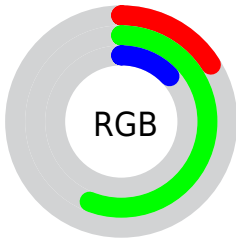
Format	Color
RYB	34, 143, 135
Decimal	2789154
CIELab	52.12, -49.48, 46.61
CIELCh	52, 67.974, 136.712
Yxy	20.2527, 0.3060, 0.5601
Android (android.graphics.Color)	4280979234 (0xFF2A8F22)
YUV	100.3750, -32.7229, -51.1949
Hunter-Lab	45.0030, -34.8628, 25.1265

Details

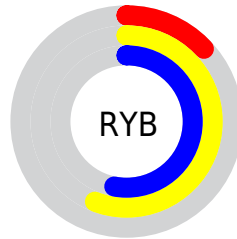
The Hex color **2A8F22** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87228F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67C656**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **1D8F14**, and if you desaturate by 10%, it is **378F30**.

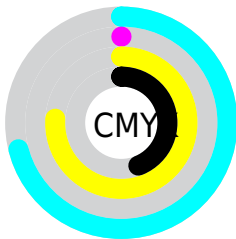
Distribution



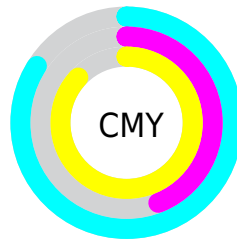
- Red (16%)
- Green (56%)
- Blue (13%)



- Red (13%)
- Yellow (56%)
- Blue (53%)



- Cyan (71%)
- Magenta (0%)
- Yellow (76%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8F22 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 2A8F22 by changing the saturation by 10% instead.



2A8F22



2A8F22

FFFFFF



007500



67C656



005B00



83E270



004300



A0FF8B



002D00



BDFFA6



000E00



DAFFC2



000000



F8FFDF



FFFFFFC



2A8F22



2A8F22

■ 1D8F14

■ 378F30

■ 0F8F05

■ 458F3F

■ 0A8F00

■ 528F4D

■ 5F8F5B

■ 6C8F6A

■ 7A8F78

■ 878F86

■ 948F94

■ A18FA3

Harmonies

Analogous

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



788400



2A8F22



00955F

Triad

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



2A8F22



008BEE



E23C5F

Complementary

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



2A8F22



87228F

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.



D73F99



2A8F22



3378ED

Square

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



2A8F22



0094D1



A75CCD



D15527

Rectangle

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



2A8F22



009688



A75CCD



E23972

Sweetspot

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



2A8F22



92BA8F



8F8622



465E44



DEDEDE



5E5E5E

Same Dimension

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



2A8F22



1DBA11



228F4F



414740



0A8700



010800

Inverse Universe

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



87228F



AE11BA



8F2262



474047



7D0087



070008

Previews

White Background



This preview shows how the Hex color 2A8F22 looks on a white background.

Color Contrast Check

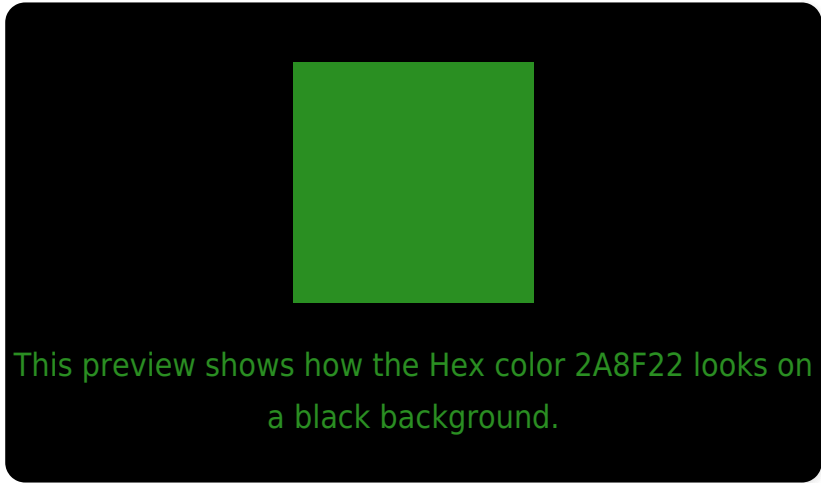
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 2A8F22 Background



This preview shows how black text looks on a background with the Hex color 2A8F22.



This preview shows how white text looks on a background with the Hex color 2A8F22.

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
2A8F22

Protanopia
8B7C1D

Deuteranopia
9A752D



Tritanopia
468590

Trichromacy



Original Color

2A8F22



Protanomaly

68831F



Deuteranomaly

717E29



Tritanomaly

3C8968

Monochromacy



Original Color

2A8F22



Achromatopsia

646464



Achromatomaly

4F744C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8F22 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 #2A8F22 looks like.

```
.text, #text, p{  
    color:#2A8F22  
}
```

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 #2A8F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8F22
}
```

Border

The CSS property to change the border of an element to Hex 2A8F22 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".

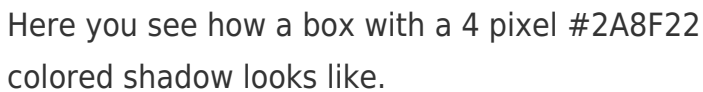
```
.border, #border, table{ border:4px solid
#2A8F22 }
```

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

```
.border{ border-color:#2A8F22 }
```

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

Here you see how a box with a 4 pixel #2A8F22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8F22; -webkit-box-shadow:4px 4px  
4px 4px #2A8F22; box-shadow:4px 4px 4px  
4px #2A8F22 }
```

Background

The CSS property to change the background color of an element to Hex 2A8F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8F22 }
```

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

```
.background{ background-color:#2A8F22 }
```

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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