

Converting Colors

Hex(2B8F42)

Have a look what the booklet for
Hex(2B8F42) contains.

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Color

Hex(2B8F42)

Conversions

Conversions Part 1

Format	Color
Hex	2B8F42
RGB	43, 143, 66
RGB Percent	17%, 56%, 26%
CMY	0.8314, 0.4392, 0.7412
CMYK	0.70, 0.00, 0.54, 0.44
HSL	134°, 54%, 36%
HSV	134°, 70%, 56%
XYZ	11.8021, 20.5519, 8.4991
YIQ	104.3220, -34.8830, -45.1470

Conversions

Conversions Part 2

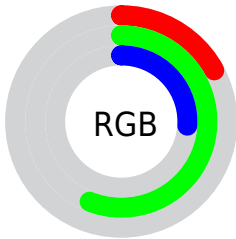
Format	Color
R_{YB}	43, 124, 143
Decimal	2854722
CIE _{Lab}	52.46, -45.62, 32.55
CIE _{LCh}	52, 56.044, 144.490
Yxy	20.5519, 0.2889, 0.5031
Android (android.graphics.Color)	4281044802 (0xFF2B8F42)
YUV	104.3220, -18.8927, -53.7794
Hunter-Lab	45.3342, -32.8649, 20.6184

Details

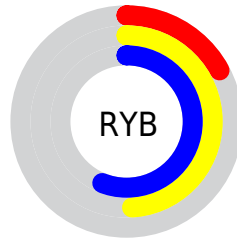
The Hex color **2B8F42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F2B78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **66C674**, and **005B12** is the 20% darker color. If you saturate the color by 10%, you get **1D8F37**, and if you desaturate by 10%, it is **398F4D**.

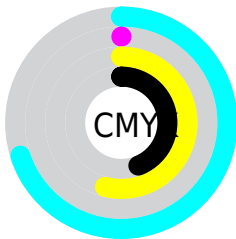
Distribution



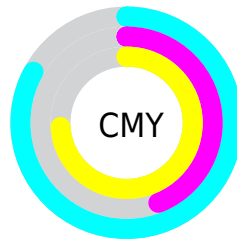
- Red (17%)
- Green (56%)
- Blue (26%)



- Red (17%)
- Yellow (49%)
- Blue (56%)



- Cyan (70%)
- Magenta (0%)
- Yellow (54%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8F42 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 2B8F42 by changing the saturation by 10% instead.

 2B8F42

 2B8F42

FFFFFF

 00752A

 66C674

 005B12

 82E28E

 004300

 9EFA9

 002D00

 BBFC4

 001000

 D8FFE0

 000000

 F5FFFD

 2B8F42

 2B8F42

 1D8F37

 398F4D

 0E8F2C

 488F58

 008F21

 568F63

 648F6E

 728F79

 818F84

 8F8F8F

 9D8F9A

 AC8FA5

Harmonies

Analogous

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



6F8619



2B8F42



009372

Triad

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



2B8F42



0085DD



D25258

Complementary

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



2B8F42



8F2B78

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.



CF4F88



2B8F42



6C74D5

Square

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



2B8F42



0090CB



AF5FB6



C0642E

Rectangle

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



2B8F42



009494



AF5FB6



D44F68

Sweetspot

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



2B8F42



93BA9C



798F2B



475E4C



DEDEDE



5E5E5E

Same Dimension

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



2B8F42



1EBA42



2B8F73



404742



00871F



000802

Inverse Universe

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



8F2B78



BA1E96



8F2B47



474046



870068



080006

Previews

White Background



This preview shows how the Hex color 2B8F42 looks on a white background.

Color Contrast Check

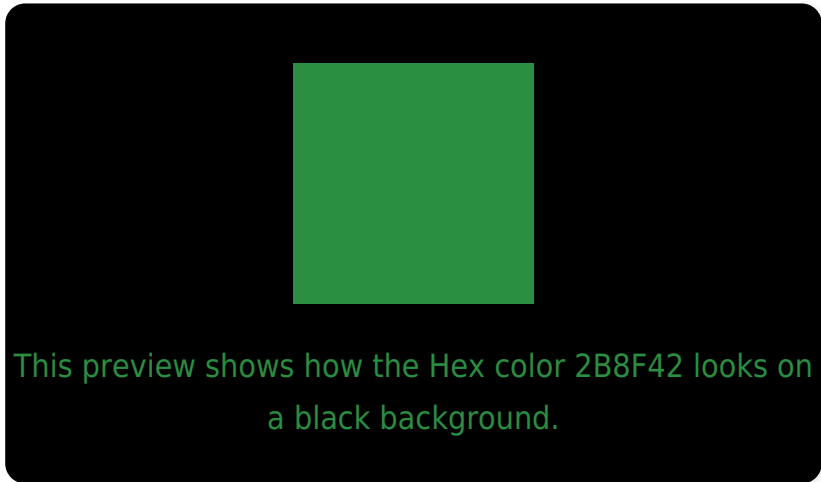
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B8F42 Background



This preview shows how black text looks on a background with the Hex color 2B8F42.



This preview shows how white text looks on a background with the Hex color 2B8F42.

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
2B8F42

Protanopia
8A7C3C

Deuteranopia
977748



Tritanopia
448791

Trichromacy



Original Color

2B8F42



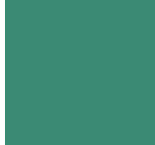
Protanomaly

67833E



Deuteranomaly

708046



Tritanomaly

3B8A74

Monochromacy



Original Color

2B8F42



Achromatopsia

686868



Achromatomaly

52765A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8F42 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 #2B8F42 looks like.

```
.text, #text, p{  
    color:#2B8F42  
}
```

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 #2B8F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8F42
}
```

Border

The CSS property to change the border of an element to Hex 2B8F42 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
#2B8F42 }
```

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

```
.border{ border-color:#2B8F42 }
```

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

Here you see how a box with a 4 pixel #2B8F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8F42; -webkit-box-shadow:4px 4px  
4px 4px #2B8F42; box-shadow:4px 4px 4px  
4px #2B8F42 }
```

Background

The CSS property to change the background color of an element to Hex 2B8F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8F42 }
```

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

```
.background{ background-color:#2B8F42 }
```

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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