

Converting Colors

Hex(2B8F27)

Have a look what the booklet for
Hex(2B8F27) contains.

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Color

Hex(2B8F27)

Conversions

Conversions Part 1

Format	Color
Hex	2B8F27
RGB	43, 143, 39
RGB Percent	17%, 56%, 15%
CMY	0.8314, 0.4392, 0.8471
CMYK	0.70, 0.00, 0.73, 0.44
HSL	118°, 57%, 36%
HSV	118°, 73%, 56%
XYZ	11.1849, 20.3050, 5.2492
YIQ	101.2440, -26.2160, -53.5440

Conversions

Conversions Part 2

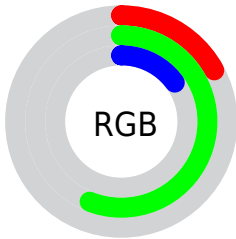
Format	Color
R_{YB}	39, 143, 139
Decimal	2854695
CIE Lab	52.18, -48.86, 44.76
CIE LCh	52, 66.264, 137.507
Yxy	20.3050, 0.3044, 0.5527
Android (android.graphics.Color)	4281044775 (0xFF2B8F27)
YUV	101.2440, -30.6863, -51.0800
Hunter-Lab	45.0611, -34.5501, 24.6360

Details

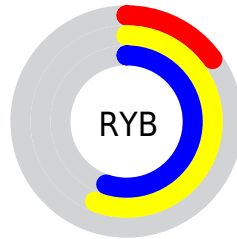
The Hex color **2B8F27** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B278F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **67C65A**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **1D8F19**, and if you desaturate by 10%, it is **398F35**.

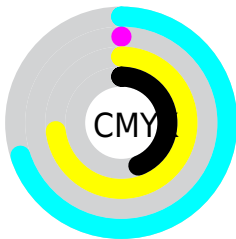
Distribution



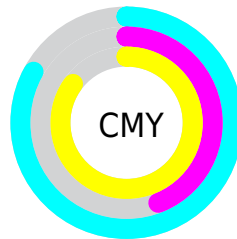
- Red (17%)
- Green (56%)
- Blue (15%)



- Red (15%)
- Yellow (56%)
- Blue (55%)



- Cyan (70%)
- Magenta (0%)
- Yellow (73%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8F27 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 2B8F27 by changing the saturation by 10% instead.



2B8F27



2B8F27

FFFFFF



007508



67C65A



005B00



84E274



004300



A0FF8F



002D00



BDFFAA



000E00



DAFFC6



000000



F8FFE3



2B8F27



2B8F27



1D8F19



398F35

■ 0F8F0A

■ 468F44

■ 058F00

■ 548F52

■ 628F60

■ 708F6F

■ 7D8F7D

■ 8B8F8B

■ 998F99

■ A78FA8

Harmonies

Analogous

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



778400



2B8F27



009562

Triad

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



2B8F27



008AEC



E0405E

Complementary

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



2B8F27



8B278F

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.



D54297



2B8F27



3E78EA

Square

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



2B8F27



0093D0



A85DCA



CF5828

Rectangle

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



2B8F27



00968A



A85DCA



E03C71

Sweetspot

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



2B8F27



93BA91



8F8A27



475E46



DEDEDE



5E5E5E

Same Dimension

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



2B8F27



1EBA18



278F56



414740



058700



000800

Inverse Universe

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



8B278F



B418BA



8F2760



474047



820087



070008

Previews

White Background



This preview shows how the Hex color 2B8F27 looks on a white background.

Color Contrast Check

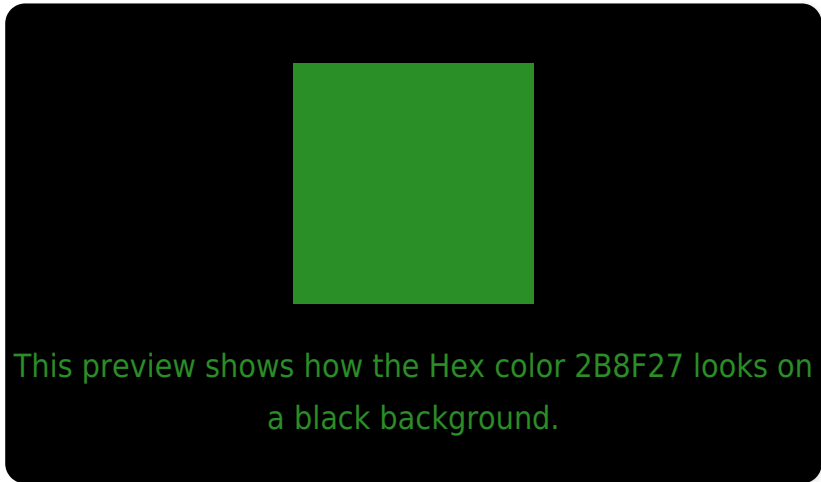
Large Text (above 18pt) WCAG AA ✓ Pass

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

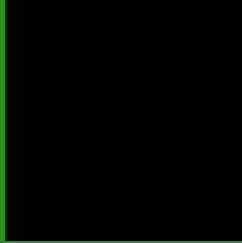
Any Text WCAG AA ✓ Pass

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 2B8F27 Background



This preview shows how black text looks on a background with the Hex color 2B8F27.



This preview shows how white text looks on a background with the Hex color 2B8F27.

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
2B8F27

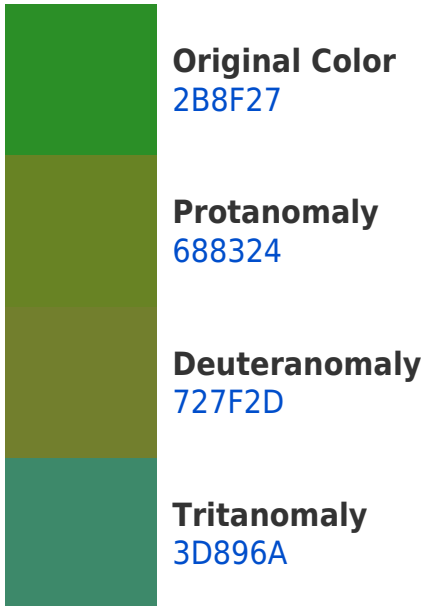
Protanopia
8B7C22

Deuteranopia
9A7631

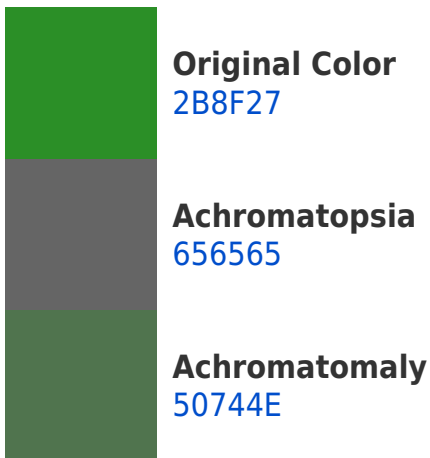


Tritanopia
478590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8F27 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 #2B8F27 looks like.

```
.text, #text, p{  
    color:#2B8F27  
}
```

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 #2B8F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8F27
}
```

Border

The CSS property to change the border of an element to Hex 2B8F27 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
#2B8F27 }
```

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

```
.border{ border-color:#2B8F27 }
```

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

Here you see how a box with a 4 pixel #2B8F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8F27; -webkit-box-shadow:4px 4px  
4px 4px #2B8F27; box-shadow:4px 4px 4px  
4px #2B8F27 }
```

Background

The CSS property to change the background color of an element to Hex 2B8F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8F27 }
```

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

```
.background{ background-color:#2B8F27 }
```

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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