

Converting Colors

Hex(2B7A2F)

Have a look what the booklet for
Hex(2B7A2F) contains.

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Color

Hex(2B7A2F)

Conversions

Conversions Part 1

Format	Color
Hex	2B7A2F
RGB	43, 122, 47
RGB Percent	17%, 48%, 18%
CMY	0.8314, 0.5216, 0.8157
CMYK	0.65, 0.00, 0.61, 0.52
HSL	123°, 48%, 32%
HSV	123°, 65%, 48%
XYZ	8.4689, 14.6379, 5.0684
YIQ	89.8290, -23.0090, -40.0730

Conversions

Conversions Part 2

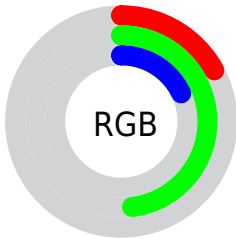
Format	Color
R_{YB}	43, 118, 122
Decimal	2849327
CIE _{Lab}	45.13, -40.19, 33.46
CIE _{LCh}	45, 52.292, 140.220
Yxy	14.6379, 0.3006, 0.5195
Android (android.graphics.Color)	4281039407 (0xFF2B7A2F)
YUV	89.8290, -21.1147, -41.0690
Hunter-Lab	38.2595, -27.4425, 18.9273

Details

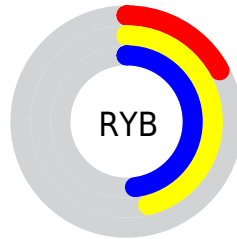
The Hex color **2B7A2F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A2B76**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **62AF60**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **1F7A23**, and if you desaturate by 10%, it is **377A3B**.

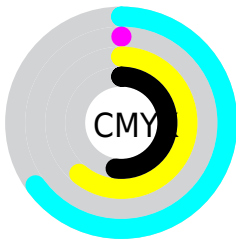
Distribution



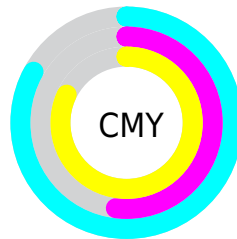
- Red (17%)
- Green (48%)
- Blue (18%)



- Red (17%)
- Yellow (46%)
- Blue (48%)



- Cyan (65%)
- Magenta (0%)
- Yellow (61%)
- Black (52%)



- Cyan (83%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7A2F 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 2B7A2F by changing the saturation by 10% instead.

 2B7A2F

 2B7A2F

FFFFFF

 056117

 62AF60

 004800

 7DCB79

 003100

 99E793

 001B00

 B5FFAE


 000000

 D2FFCA

 EFFF6E

 2B7A2F

 2B7A2F

 1F7A23

 377A3B

■ 137A18

■ 437A46

■ 067A0C

■ 507A52

■ 007A06

■ 5C7A5D

■ 687A69

■ 747A74

■ 807A80

■ 8D7A8C

■ 997A97

Harmonies

Analogous

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



647107



2B7A2F



007E5B

Triad

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



2B7A2F



0074C1



B9414F

Complementary

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



2B7A2F



7A2B76

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.



B2417B



2B7A2F



4D65BD

Square

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



2B7A2F



007CAD



9152A3



AA5128

Rectangle

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



2B7A2F



007F79



9152A3



B93F5E

Sweetspot

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



2B7A2F



809E82



767A2B



3D4F3E



CFCFCF



4F4F4F

Same Dimension

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



2B7A2F



239E29



2B7A56



373D37



007D06



00FC0D

Inverse Universe

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



7A2B76



9E2398



7A2B4F



3D373D



7D0077



FC00F0

Previews

White Background



This preview shows how the Hex color 2B7A2F looks on a white background.

Color Contrast Check

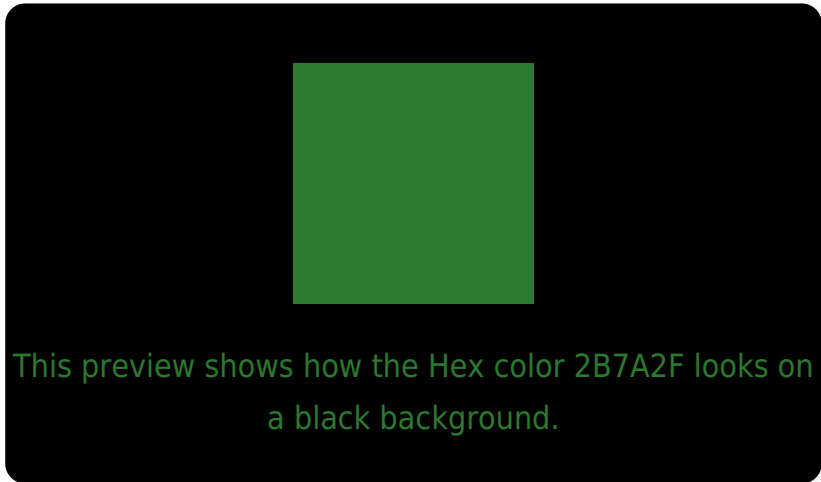
Large Text (above 18pt) WCAG AA ✓ Pass

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

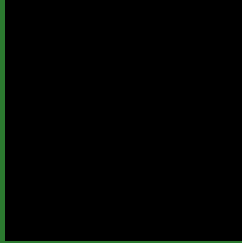
Any Text WCAG AA × Fail

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 2B7A2F Background



This preview shows how black text looks on a background with the Hex color 2B7A2F.



This preview shows how white text looks on a background with the Hex color 2B7A2F.

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



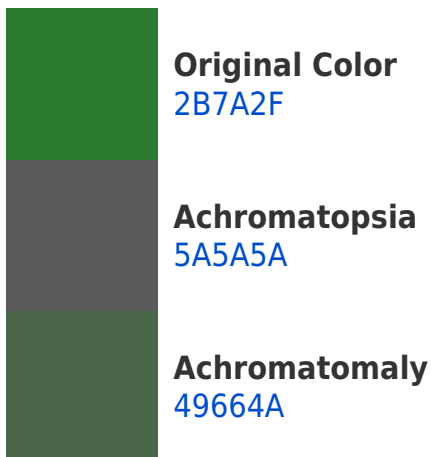


Tritanopia
3F727C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7A2F 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 #2B7A2F looks like.

```
.text, #text, p{  
    color:#2B7A2F  
}
```

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 #2B7A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7A2F  
}
```

Border

The CSS property to change the border of an element to Hex 2B7A2F 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  
#2B7A2F }
```

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

```
.border{ border-color:#2B7A2F }
```

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

Here you see how a box with a 4 pixel #2B7A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7A2F; -webkit-box-shadow:4px 4px  
4px 4px #2B7A2F; box-shadow:4px 4px 4px  
4px #2B7A2F }
```

Background

The CSS property to change the background color of an element to Hex 2B7A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7A2F }
```

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

```
.background{ background-color:#2B7A2F }
```

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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