

Converting Colors

Hex(2B7C22)

Have a look what the booklet for
Hex(2B7C22) contains.

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Color

Hex(2B7C22)

Conversions

Conversions Part 1

Format	Color
Hex	2B7C22
RGB	43, 124, 34
RGB Percent	17%, 49%, 13%
CMY	0.8314, 0.5137, 0.8667
CMYK	0.65, 0.00, 0.73, 0.51
HSL	114°, 57%, 31%
HSV	114°, 73%, 49%
XYZ	8.4926, 15.0444, 3.9696
YIQ	89.5210, -19.3860, -45.1620

Conversions

Conversions Part 2

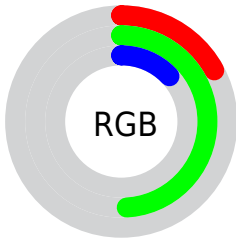
Format	Color
R_{YB}	34, 124, 115
Decimal	2849826
CIE Lab	45.69, -42.40, 40.05
CIE LCh	46, 58.323, 136.627
Yxy	15.0444, 0.3087, 0.5469
Android (android.graphics.Color)	4281039906 (0xFF2B7C22)
YUV	89.5210, -27.3719, -40.7989
Hunter-Lab	38.7871, -28.7939, 21.0830

Details

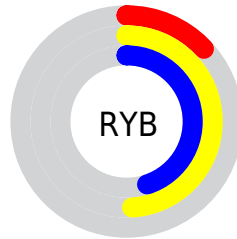
The Hex color **2B7C22** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73227C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **63B154**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **207C16**, and if you desaturate by 10%, it is **367C2E**.

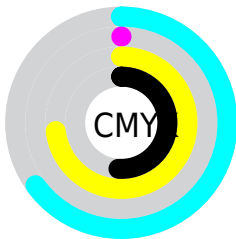
Distribution



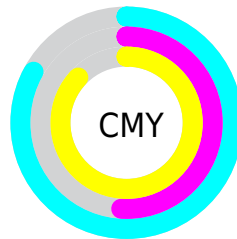
- Red (17%)
- Green (49%)
- Blue (13%)



- Red (13%)
- Yellow (49%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (73%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7C22 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 2B7C22 by changing the saturation by 10% instead.



2B7C22



2B7C22

FFFFFF



026205



63B154



004A00



7FCD6E



003200



9BEA88



001C00



B7FFA3



000000



D4FFBE



F1FFDA



FFFFFF7



2B7C22



2B7C22

■ 207C16

■ 367C2E

■ 157C09

■ 417C3B

■ 0C7C00

■ 4C7C47

■ 587C54

■ 637C60

■ 6E7C6C

■ 797C79

■ 847C85

■ 8F7C92

Harmonies

Analogous

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



697200



2B7C22



008154

Triad

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



2B7C22



0078CB



C23953

Complementary

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



2B7C22



73227C

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.



B83B84



2B7C22



3569CA

Square

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



2B7C22



0080B2



9052B0



B44C26

Rectangle

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



2B7C22



008276



9052B0



C23663

Sweetspot

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



2B7C22



81A17D



7C7322



3F523C



D1D1D1



525252

Same Dimension

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



2B7C22



23A115



227C46



383D37



0C7D00



19FC00

Inverse Universe

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



73227C



9315A1



7C2258



3D373D



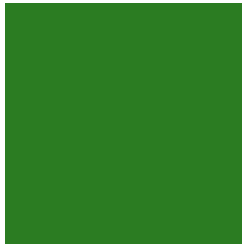
70007D



E300FC

Previews

White Background



This preview shows how the Hex color 2B7C22 looks on a white background.

Color Contrast Check

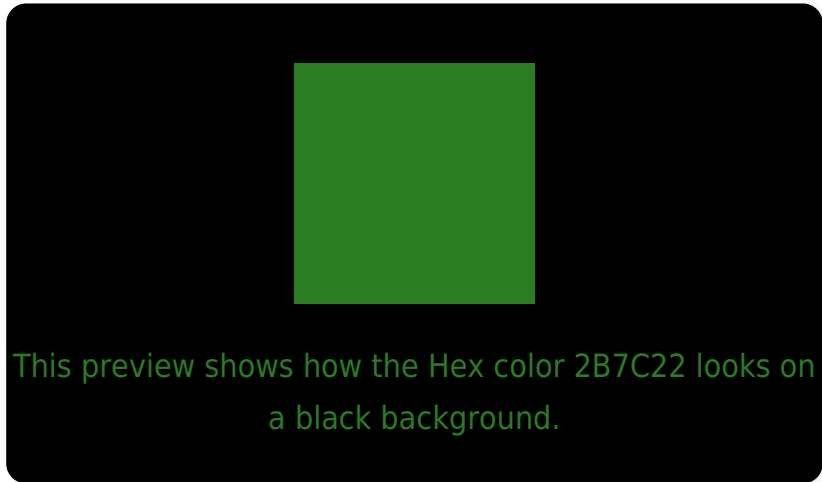
Large Text (above 18pt) WCAG AA ✓ Pass

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

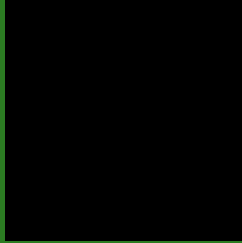
Any Text WCAG AA × Fail

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 2B7C22 Background



This preview shows how black text looks on a background with the Hex color 2B7C22.



This preview shows how white text looks on a background with the Hex color 2B7C22.

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
2B7C22

Protanopia
796C1E

Deuteranopia
86662A



Tritanopia
41747D

Trichromacy



Original Color
2B7C22



Protanomaly
5D721F



Deuteranomaly
656E27



Tritanomaly
39775C

Monochromacy



Original Color
2B7C22



Achromatopsia
5A5A5A



Achromatomaly
496646

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7C22 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 #2B7C22 looks like.

```
.text, #text, p{  
    color:#2B7C22  
}
```

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 #2B7C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7C22
}
```

Border

The CSS property to change the border of an element to Hex 2B7C22 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
#2B7C22 }
```

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

```
.border{ border-color:#2B7C22 }
```

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

Here you see how a box with a 4 pixel #2B7C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7C22; -webkit-box-shadow:4px 4px  
4px 4px #2B7C22; box-shadow:4px 4px 4px  
4px #2B7C22 }
```

Background

The CSS property to change the background color of an element to Hex 2B7C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7C22 }
```

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

```
.background{ background-color:#2B7C22 }
```

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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