

Converting Colors

Hex(2C750B)

Have a look what the booklet for
Hex(2C750B) contains.

Hex(2C750B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C750B)

Conversions

Conversions Part 1

Format	Color
Hex	2C750B
RGB	44, 117, 11
RGB Percent	17%, 46%, 4%
CMY	0.8275, 0.5412, 0.9569
CMYK	0.62, 0.00, 0.91, 0.54
HSL	101°, 83%, 25%
HSV	101°, 91%, 46%
XYZ	7.4604, 13.2822, 2.4871
YIQ	83.0890, -9.4820, -48.4420

Conversions

Conversions Part 2

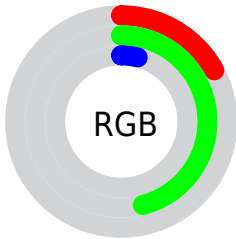
Format	Color
RYB	11, 117, 84
Decimal	2913547
CIELab	43.19, -41.03, 45.30
CIELCh	43, 61.116, 132.169
Yxy	13.2822, 0.3212, 0.5718
Android (android.graphics.Color)	4281103627 (0xFF2C750B)
YUV	83.0890, -35.5399, -34.2811
Hunter-Lab	36.4448, -27.2386, 21.4652

Details

The Hex color **2C750B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **540B75**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **64AA43**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **247500**, and if you desaturate by 10%, it is **347517**.

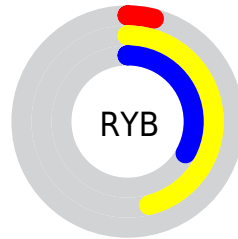
Distribution



Red (17%)

Green (46%)

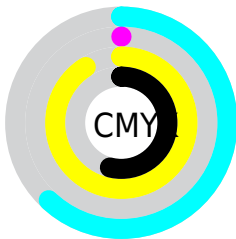
Blue (4%)



Red (4%)

Yellow (46%)

Blue (33%)

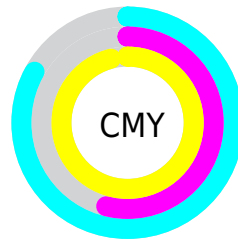


Cyan (62%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (83%)

Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C750B 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 2C750B by changing the saturation by 10% instead.



2C750B



2C750B

FFFFFF



065C00



64AA43



004300



7FC55C



002D00



9BE276



001300



B7FF91



000000



D4FFAC



F1FFC8



FFFFE5



2C750B



2C750B

■ 247500

■ 347517

■ 3C7522

■ 44752E

■ 4C753A

■ 547545

■ 5C7551

■ 64755D

■ 6C7569

■ 757574

Harmonies

Analogous

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



696A00



2C750B



007A45

Triad

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



2C750B



0074C7



BE2A54

Complementary

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



2C750B



540B75

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.



B03386



2C750B



0065CA

Square

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



2C750B



007BA9



814EB2



B34023

Rectangle

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



2C750B



007C68



814EB2



BD2965

Sweetspot

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



2C750B



7D9970



75530B



3C4D34



CCCCCC



4D4D4D

Same Dimension

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



2C750B



309900



0B751E



373B35



267A00



4EFA00

Inverse Universe

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



540B75



690099



750B62



39353B



54007A



AC00FA

Previews

White Background



This preview shows how the Hex color 2C750B looks on a white background.

Color Contrast Check

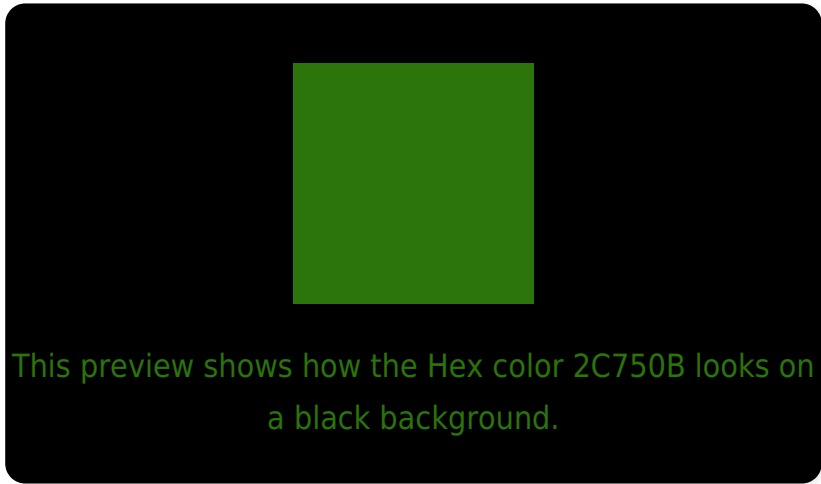
Large Text (above 18pt) WCAG AA ✓ Pass

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

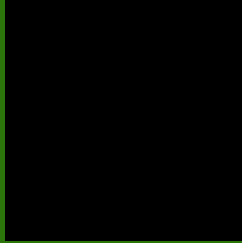
Any Text WCAG AA × Fail

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 2C750B Background



This preview shows how black text looks on a background with the Hex color 2C750B.



This preview shows how white text looks on a background with the Hex color 2C750B.

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
2C750B

Protanopia
736600

Deuteranopia
80601A



Tritanopia
406D76

Trichromacy



Original Color
2C750B

Protanomaly
596B04

Deuteranomaly
616815

Tritanomaly
39704F

Monochromacy



Original Color
2C750B

Achromatopsia
535353

Achromatomaly
455F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C750B 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 #2C750B looks like.

```
.text, #text, p{  
    color:#2C750B  
}
```

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 #2C750B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C750B
}
```

Border

The CSS property to change the border of an element to Hex 2C750B 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
#2C750B }
```

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

```
.border{ border-color:#2C750B }
```

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

Here you see how a box with a 4 pixel #2C750B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C750B; -webkit-box-shadow:4px 4px  
4px 4px #2C750B; box-shadow:4px 4px 4px  
4px #2C750B }
```

Background

The CSS property to change the background color of an element to Hex 2C750B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C750B }
```

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

```
.background{ background-color:#2C750B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor