

Converting Colors

Hex(2B570A)

Have a look what the booklet for
Hex(2B570A) contains.

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Color

Hex(2B570A)

Conversions

Conversions Part 1

Format	Color
Hex	2B570A
RGB	43, 87, 10
RGB Percent	17%, 34%, 4%
CMY	0.8314, 0.6588, 0.9608
CMYK	0.51, 0.00, 0.89, 0.66
HSL	94°, 79%, 19%
HSV	94°, 89%, 34%
XYZ	4.4592, 7.3519, 1.4712
YIQ	65.0660, -1.5070, -33.2750

Conversions

Conversions Part 2

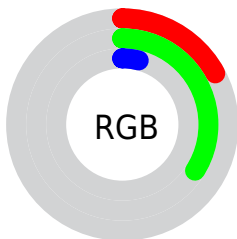
Format	Color
RYB	10, 87, 54
Decimal	2840330
CIELab	32.59, -29.13, 36.15
CIELCh	33, 46.423, 128.860
Yxy	7.3519, 0.3357, 0.5535
Android (android.graphics.Color)	4281030410 (0xFF2B570A)
YUV	65.0660, -27.1475, -19.3519
Hunter-Lab	27.1144, -18.0940, 15.7631

Details

The Hex color **2B570A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **360A57**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5E893C**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **265701**, and if you desaturate by 10%, it is **305713**.

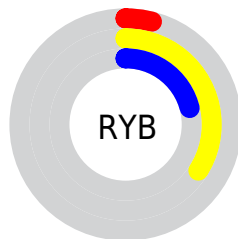
Distribution



Red (17%)

Green (34%)

Blue (4%)



Red (4%)

Yellow (34%)

Blue (21%)

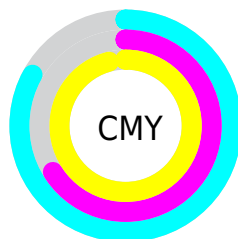


Cyan (51%)

Magenta (0%)

Yellow (89%)

Black (66%)



Cyan (83%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B570A 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 2B570A by changing the saturation by 10% instead.

 2B570A

 2B570A

 FFFFF7

 123F00

 5E893C

 002900

 78A455

 001000

 92BF6E

 000000

 AEDB88

 CAF8A3

 E6FFBE

 FFFFDA

 2B570A

 2B570A

■ 265701

■ 305713

■ 255700

■ 35571B

■ 3A5724

■ 3F572D

■ 445735

■ 49573E

■ 4E5747

■ 535750

■ 585758

Harmonies

Analogous

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



534F00



2B570A



005B31

Triad

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



2B570A



005891



8D2443

Complementary

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



2B570A



360A57

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.



802C68



2B570A



004E96

Square

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



2B570A



005C7A



5B3E86



873020

Rectangle

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



2B570A



005D4A



5B3E86



8B2450

Sweetspot

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



2B570A



5F7052



57360A



2E3826



B8B8B8



383838

Same Dimension

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



2B570A



307000



0A570F



292B27



2E6B00



65EB00

Inverse Universe

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



360A57



400070



570A52



29272B



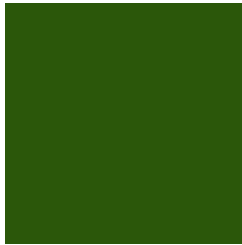
3D006B



8600EB

Previews

White Background



This preview shows how the Hex color 2B570A 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

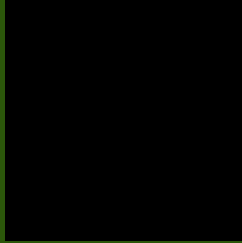
Any Text WCAG AA × Fail

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 2B570A Background



This preview shows how black text looks on a background with the Hex color 2B570A.



This preview shows how white text looks on a background with the Hex color 2B570A.

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
2B570A

Protanopia
564D06

Deuteranopia
604914



Tritanopia
375157

Trichromacy



Original Color
2B570A

Protanomaly
465107

Deuteranomaly
4D4E10

Tritanomaly
33533B

Monochromacy



Original Color
2B570A

Achromatopsia
414141

Achromatomaly
39492D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B570A 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 #2B570A looks like.

```
.text, #text, p{  
    color:#2B570A  
}
```

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 #2B570A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B570A
}
```

Border

The CSS property to change the border of an element to Hex 2B570A 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".

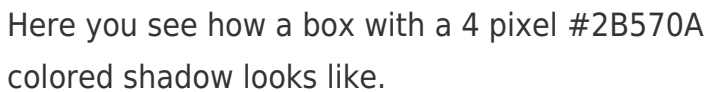
```
.border, #border, table{ border:4px solid
#2B570A }
```

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

```
.border{ border-color:#2B570A }
```

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

Here you see how a box with a 4 pixel #2B570A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2B570A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B570A; -webkit-box-shadow:4px 4px  
4px 4px #2B570A; box-shadow:4px 4px 4px  
4px #2B570A }
```

Background

The CSS property to change the background color of an element to Hex 2B570A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B570A }
```

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

```
.background{ background-color:#2B570A }
```

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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