

Converting Colors

Hex(2B500A)

Have a look what the booklet for
Hex(2B500A) contains.

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Color

Hex(2B500A)

Conversions

Conversions Part 1

Format	Color
Hex	2B500A
RGB	43, 80, 10
RGB Percent	17%, 31%, 4%
CMY	0.8314, 0.6863, 0.9608
CMYK	0.46, 0.00, 0.88, 0.69
HSL	92°, 78%, 18%
HSV	92°, 88%, 31%
XYZ	3.9197, 6.2728, 1.2913
YIQ	60.9570, 0.4180, -29.6140

Conversions

Conversions Part 2

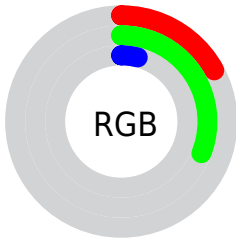
Format	Color
R_{YB}	10, 80, 47
Decimal	2838538
CIE Lab	30.09, -25.92, 33.86
CIE LCh	30, 42.640, 127.437
Yxy	6.2728, 0.3413, 0.5462
Android (android.graphics.Color)	4281028618 (0xFF2B500A)
YUV	60.9570, -25.1218, -15.7483
Hunter-Lab	25.0456, -15.8941, 14.4749

Details

The Hex color **2B500A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2F0A50**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5D823B**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **275002**, and if you desaturate by 10%, it is **2F5012**.

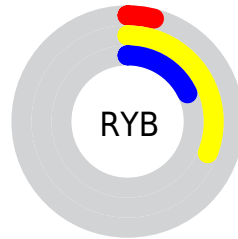
Distribution



Red (17%)

Green (31%)

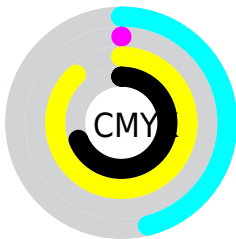
Blue (4%)



Red (4%)

Yellow (31%)

Blue (18%)

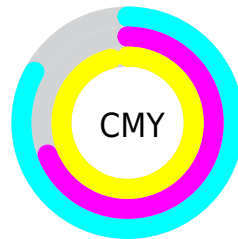


Cyan (46%)

Magenta (0%)

Yellow (88%)

Black (69%)



Cyan (83%)

Magenta (69%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B500A 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 2B500A by changing the saturation by 10% instead.



2B500A



2B500A



FFFFFF5



143900



5D823B



002300



769C53



000100



91B76C



000000



ACD386



C8EFA1



E4FFBC



FFFFD8



2B500A



2B500A

■ 275002

■ 2F5012

■ 265000

■ 33501A

■ 385022

■ 3C502A

■ 405032

■ 44503A

■ 495042

■ 4D504A

■ 515052

Harmonies

Analogous

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



4F4800



2B500A



00542C

Triad

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



2B500A



005184



812340

Complementary

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



2B500A



2F0A50

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.



742A61



2B500A



004889

Square

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



2B500A



00556F



523A7C



7C2D20

Rectangle

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



2B500A



005643



523A7C



7F244B

Sweetspot

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



2B500A



5A694D



502E0A



2D3625



B5B5B5



363636

Same Dimension

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



2B500A



316900



0A500B



272925



6DE800

Inverse Universe

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



2F0A50



370069



500A4F



272529



7B00E8

Previews

White Background



This preview shows how the Hex color 2B500A looks on a white background.

Color Contrast Check

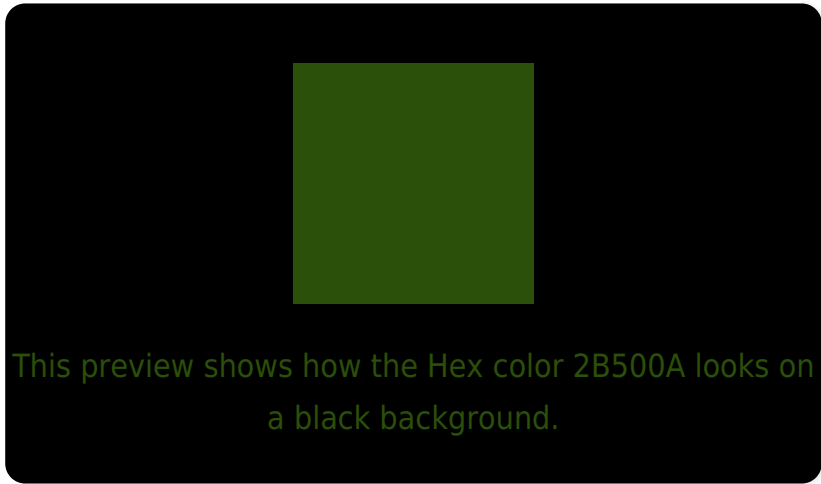
Large Text (above 18pt) WCAG AA ✓ Pass

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

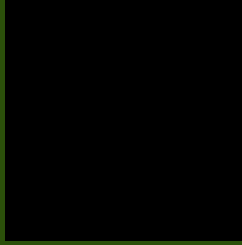
Any Text WCAG AA × Fail

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 2B500A Background



This preview shows how black text looks on a background with the Hex color 2B500A.



This preview shows how white text looks on a background with the Hex color 2B500A.

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](#).

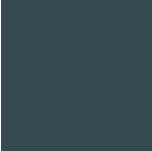
Dichromacy



Original Color
2B500A

Protanopia
504707

Deuteranopia
594313



Tritanopia
354A50

Trichromacy



Original Color
2B500A

Protanomaly
434A08

Deuteranomaly
484810

Tritanomaly
314C37

Monochromacy



Original Color
2B500A

Achromatopsia
3D3D3D

Achromatomaly
36442A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B500A 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 #2B500A looks like.

```
.text, #text, p{  
    color:#2B500A  
}
```

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 #2B500A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B500A
}
```

Border

The CSS property to change the border of an element to Hex 2B500A 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".

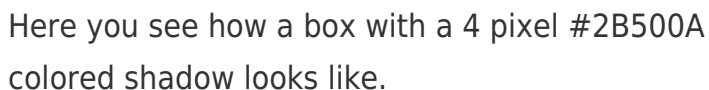
```
.border, #border, table{ border:4px solid
#2B500A }
```

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

```
.border{ border-color:#2B500A }
```

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

Here you see how a box with a 4 pixel #2B500A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B500A; -webkit-box-shadow:4px 4px  
4px 4px #2B500A; box-shadow:4px 4px 4px  
4px #2B500A }
```

Background

The CSS property to change the background color of an element to Hex 2B500A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B500A }
```

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

```
.background{ background-color:#2B500A }
```

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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