

# Converting Colors

Hex(2B8517)

Have a look what the booklet for  
Hex(2B8517) contains.

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**Color**

**Hex(2B8517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8517
RGB	43, 133, 23
RGB Percent	17%, 52%, 9%
CMY	0.8314, 0.4784, 0.9098
CMYK	0.68, 0.00, 0.83, 0.48
HSL	109°, 71%, 31%
HSV	109°, 83%, 52%
XYZ	9.5384, 17.3505, 3.6569
YIQ	93.5500, -18.3300, -53.2900

# Conversions

## Conversions Part 2

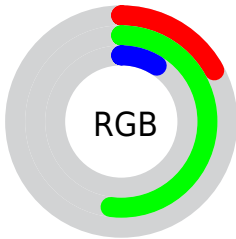
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 133, 113
Decimal	2852119
CIE <sub>Lab</sub>	48.70, -46.52, 47.02
CIE <sub>LCh</sub>	49, 66.145, 134.693
Yxy	17.3505, 0.3123, 0.5680
Android (android.graphics.Color)	4281042199 (0xFF2B8517)
YUV	93.5500, -34.7811, -44.3323
Hunter-Lab	41.6539, -32.0192, 23.9526

# Details

The Hex color **2B8517** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **711785**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **66BB4D**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **20850A**, and if you desaturate by 10%, it is **368524**.

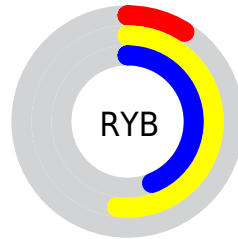
# Distribution



Red (17%)

Green (52%)

Blue (9%)



Red (9%)

Yellow (52%)

Blue (44%)

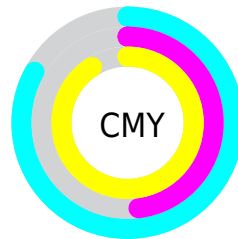


Cyan (68%)

Magenta (0%)

Yellow (83%)

Black (48%)



Cyan (83%)

Magenta (48%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8517 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 2B8517 by changing the saturation by 10% instead.





2B8517



2B8517

FFFFFF



006B00



66BB4D



005200



82D767



003A00



9EF481



002500



BBFF9C



000000



D8FFB8



F5FFD4



FFFFFF1



2B8517



2B8517

■ 20850A

■ 368524

■ 188500

■ 418532

■ 4C853F

■ 57854C

■ 61855A

■ 6C8567

■ 778574

■ 828581

■ 8D858F

# Harmonies

## Analogous

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



727A00



2B8517



008B54

# Triad

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



2B8517



0082E0



D5335B

# Complementary

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



2B8517



711785

# 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.



C83993



2B8517



0A71E1

# Square

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



2B8517



008AC2



9756C4



C64C25

# Rectangle

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



2B8517



008C7B



9756C4



D5316D



# Sweetspot

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



2B8517



8AAD82



857117



41573D



D6D6D6



575757



# Same Dimension

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



2B8517



21AD02



17853A



3D423C



188200



000300



# Inverse Universe

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



711785



8E02AD



851762



413C42



6A0082



020003



# Previews

## White Background



This preview shows how the Hex color 2B8517 looks on a white background.

## Color Contrast Check

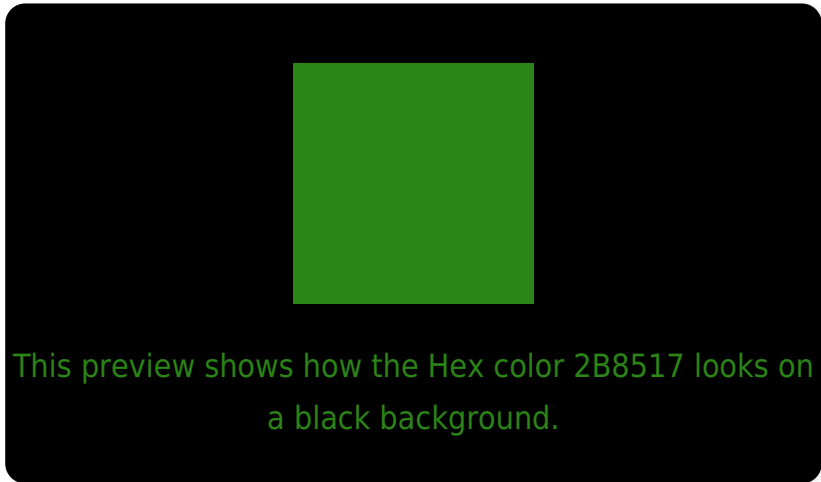
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B8517 Background



This preview shows how black text looks on a background with the Hex color 2B8517.




This preview shows how white text looks on a background with the Hex color 2B8517.

# 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](#).

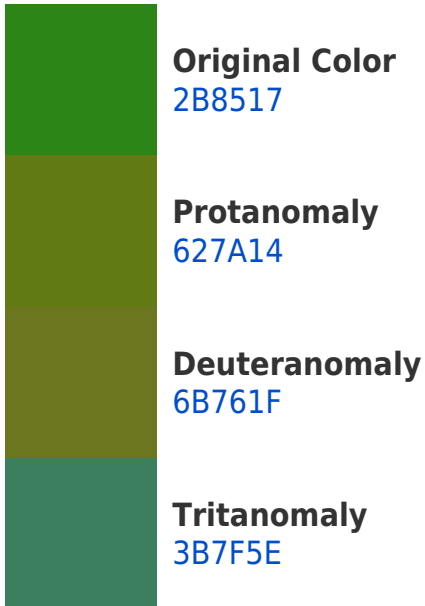
## Dichromacy





**Tritanopia**  
447C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8517 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 #2B8517 looks like.

```
.text, #text, p{  
    color:#2B8517  
}
```

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 #2B8517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8517
}
```

## Border

The CSS property to change the border of an element to Hex 2B8517 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
#2B8517 }
```

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

```
.border{ border-color:#2B8517 }
```

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

Here you see how a box with a 4 pixel #2B8517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8517; -webkit-box-shadow:4px 4px  
4px 4px #2B8517; box-shadow:4px 4px 4px  
4px #2B8517 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8517 }
```

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

```
.background{ background-color:#2B8517 }
```

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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