

Converting Colors

Hex(2B511D)

Have a look what the booklet for
Hex(2B511D) contains.

Hex(2B511D)	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(2B511D)

Conversions

Conversions Part 1

Format	Color
Hex	2B511D
RGB	43, 81, 29
RGB Percent	17%, 32%, 11%
CMY	0.8314, 0.6824, 0.8863
CMYK	0.47, 0.00, 0.64, 0.68
HSL	104°, 47%, 22%
HSV	104°, 64%, 32%
XYZ	4.1605, 6.4872, 2.1953
YIQ	63.7100, -5.9560, -24.2280

Conversions

Conversions Part 2

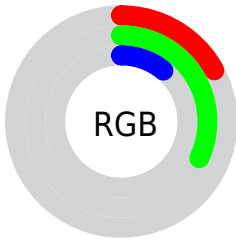
Format	Color
RYB	29, 81, 67
Decimal	2838813
CIELab	30.61, -24.69, 25.93
CIElCh	31, 35.803, 133.601
Yxy	6.4872, 0.3240, 0.5051
Android (android.graphics.Color)	4281028893 (0xFF2B511D)
YUV	63.7100, -17.1120, -18.1627
Hunter-Lab	25.4699, -15.4147, 12.7187

Details

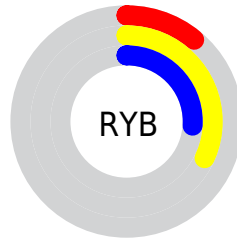
The Hex color **2B511D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **431D51**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5C834B**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **255115**, and if you desaturate by 10%, it is **315125**.

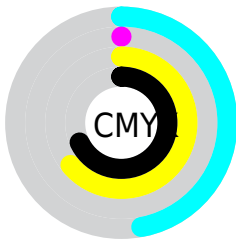
Distribution



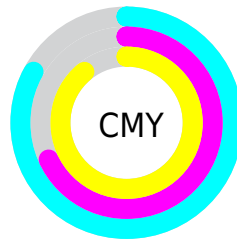
- Red (17%)
- Green (32%)
- Blue (11%)



- Red (11%)
- Yellow (32%)
- Blue (26%)



- Cyan (47%)
- Magenta (0%)
- Yellow (64%)
- Black (68%)



- Cyan (83%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B511D 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 2B511D by changing the saturation by 10% instead.



2B511D



2B511D

FFFFFF



133A06



5C834B



002400



759D63



000400



8FB87D



000000



AAD497



C6F0B2



E2FFCD



FFFFE9



2B511D



2B511D

■ 255115

■ 315125

■ 1F510D

■ 37512D

■ 195105

■ 3D5135

■ 165100

■ 43513D

■ 495146

■ 4F514E

■ 545156

■ 5A515E

■ 605166

Harmonies

Analogous

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



4B4B0B



2B511D



005437

Triad

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



2B511D



004F7D



7B2E3C

Complementary

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



2B511D



431D51

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.



733059



2B511D



29477E

Square

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



2B511D



00546E



5A3B71



743623

Rectangle

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



2B511D



00554B



5A3B71



7A2D46

Sweetspot

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



2B511D



5A6955



51421D



2D3629



B5B5B5



363636

Same Dimension

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



2B511D



2E6918



1D5128



262925



1C6900



3EE800

Inverse Universe

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



431D51



531869



511D46



282529



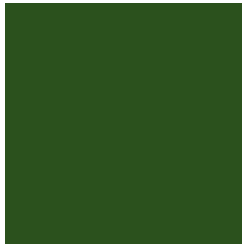
4C0069



AA00E8

Previews

White Background



This preview shows how the Hex color 2B511D looks on a white background.

Color Contrast Check

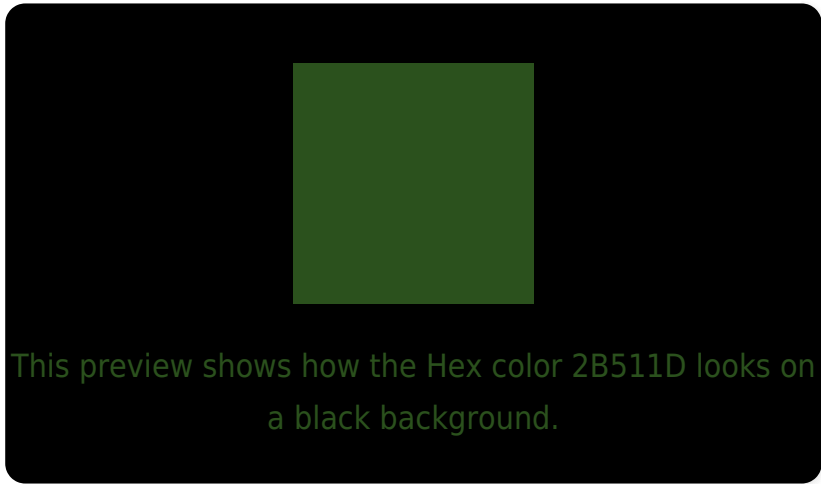
Large Text (above 18pt) WCAG AA ✓ Pass

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

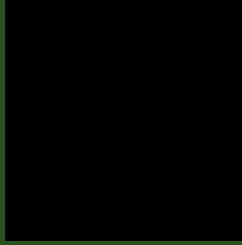
Any Text WCAG AA × Fail

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 2B511D Background



This preview shows how black text looks on a background with the Hex color 2B511D.



This preview shows how white text looks on a background with the Hex color 2B511D.

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
2B511D

Protanopia
50481A

Deuteranopia
594421



Tritanopia
344C52

Trichromacy



Original Color
2B511D

Protanomaly
434B1B

Deuteranomaly
484920

Tritanomaly
314E3F

Monochromacy



Original Color
2B511D

Achromatopsia
404040

Achromatomaly
384633

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B511D 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 #2B511D looks like.

```
.text, #text, p{  
    color:#2B511D  
}
```

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 #2B511D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B511D
}
```

Border

The CSS property to change the border of an element to Hex 2B511D 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
#2B511D }
```

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

```
.border{ border-color:#2B511D }
```

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

Here you see how a box with a 4 pixel #2B511D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B511D; -webkit-box-shadow:4px 4px  
4px 4px #2B511D; box-shadow:4px 4px 4px  
4px #2B511D }
```

Background

The CSS property to change the background color of an element to Hex 2B511D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B511D }
```

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

```
.background{ background-color:#2B511D }
```

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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