

Converting Colors

Hex(2C531B)

Have a look what the booklet for
Hex(2C531B) contains.

Hex(2C531B)	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(2C531B)

Conversions

Conversions Part 1

Format	Color
Hex	2C531B
RGB	44, 83, 27
RGB Percent	17%, 33%, 11%
CMY	0.8275, 0.6745, 0.8941
CMYK	0.47, 0.00, 0.67, 0.67
HSL	102°, 51%, 22%
HSV	102°, 67%, 33%
XYZ	4.3298, 6.8011, 2.1215
YIQ	64.9550, -5.2680, -25.6840

Conversions

Conversions Part 2

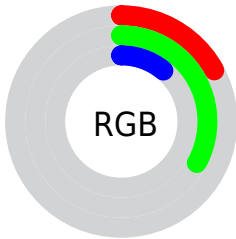
Format	Color
R_{YB}	27, 83, 66
Decimal	2904859
CIE Lab	31.35, -25.52, 27.82
CIE LCh	31, 37.754, 132.533
Yxy	6.8011, 0.3267, 0.5132
Android (android.graphics.Color)	4281094939 (0xFF2C531B)
YUV	64.9550, -18.7118, -18.3775
Hunter-Lab	26.0790, -16.0025, 13.4322

Details

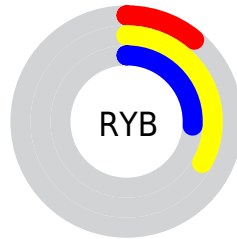
The Hex color **2C531B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **421B53**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5D8549**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **265313**, and if you desaturate by 10%, it is **325323**.

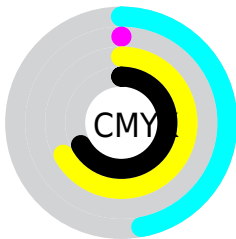
Distribution



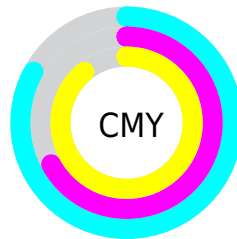
- Red (17%)
- Green (33%)
- Blue (11%)



- Red (11%)
- Yellow (33%)
- Blue (26%)



- Cyan (47%)
- Magenta (0%)
- Yellow (67%)
- Black (67%)



- Cyan (83%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C531B 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 2C531B by changing the saturation by 10% instead.



2C531B



2C531B

FFFFFF



143C03



5D8549



002600



779F62



000900



91BA7B



000000



ACD695



C8F3B0



E4FFCB



FFFFE8



2C531B



2C531B

■ 265313

■ 325323

■ 20530A

■ 38532C

■ 1B5302

■ 3D5334

■ 195300

■ 43533C

■ 495345

■ 4F534D

■ 545355

■ 5A535D

■ 605366

Harmonies

Analogous

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



4D4C07



2C531B



005737

Triad

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



2C531B



005282



7F2D3F

Complementary

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



2C531B



421B53

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.



76315C



2C531B



254984

Square

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



2C531B



005671



5B3C76



793623

Rectangle

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



2C531B



00584B



5B3C76



7E2D48

Sweetspot

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



2C531B



5C6B56



53411B



2D3629



B5B5B5



363636

Same Dimension

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



2C531B



2F6B14



1B5325



262925



206900



46E800

Inverse Universe

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



421B53



51146B



531B49



282529



490069



A200E8

Previews

White Background



This preview shows how the Hex color 2C531B 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 2C531B Background



This preview shows how black text looks on a background with the Hex color 2C531B.



This preview shows how white text looks on a background with the Hex color 2C531B.

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](#).

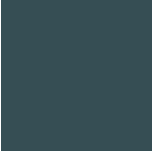
Dichromacy



Original Color
2C531B

Protanopia
524A18

Deuteranopia
5B461F



Tritanopia
364E54

Trichromacy



Original Color
2C531B

Protanomaly
444D19

Deuteranomaly
4A4B1E

Tritanomaly
32503F

Monochromacy



Original Color
2C531B

Achromatopsia
414141

Achromatomaly
394833

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C531B 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 #2C531B looks like.

```
.text, #text, p{  
    color:#2C531B  
}
```

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 #2C531B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C531B
}
```

Border

The CSS property to change the border of an element to Hex 2C531B 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".

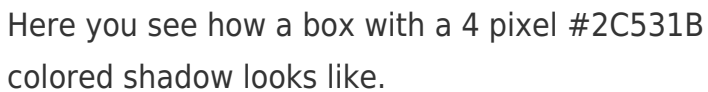
```
.border, #border, table{ border:4px solid
#2C531B }
```

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

```
.border{ border-color:#2C531B }
```

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

Here you see how a box with a 4 pixel #2C531B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C531B; -webkit-box-shadow:4px 4px  
4px 4px #2C531B; box-shadow:4px 4px 4px  
4px #2C531B }
```

Background

The CSS property to change the background color of an element to Hex 2C531B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C531B }
```

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

```
.background{ background-color:#2C531B }
```

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