

Converting Colors

Hex(2D581C)

Have a look what the booklet for
Hex(2D581C) contains.

Hex(2D581C)	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(2D581C)

Conversions

Conversions Part 1

Format	Color
Hex	2D581C
RGB	45, 88, 28
RGB Percent	18%, 35%, 11%
CMY	0.8235, 0.6549, 0.8902
CMYK	0.49, 0.00, 0.68, 0.65
HSL	103°, 52%, 23%
HSV	103°, 68%, 35%
XYZ	4.7815, 7.6212, 2.3176
YIQ	68.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

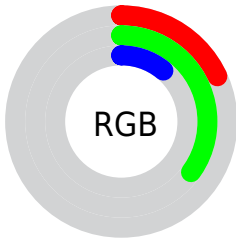
Format	Color
RYB	28, 88, 71
Decimal	2971676
CIELab	33.18, -27.41, 29.37
CIElCh	33, 40.172, 133.025
Yxy	7.6212, 0.3248, 0.5177
Android (android.graphics.Color)	4281161756 (0xFF2D581C)
YUV	68.3030, -19.8694, -20.4367
Hunter-Lab	27.6065, -17.3947, 14.3470

Details

The Hex color **2D581C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **471C58**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5F8A4B**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **275813**, and if you desaturate by 10%, it is **335825**.

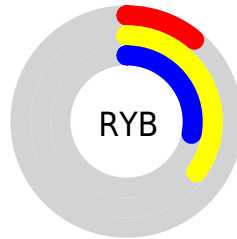
Distribution



Red (18%)

Green (35%)

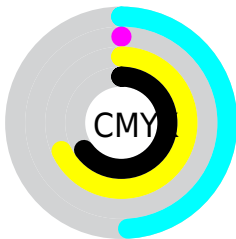
Blue (11%)



Red (11%)

Yellow (35%)

Blue (28%)

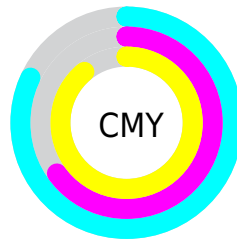


Cyan (49%)

Magenta (0%)

Yellow (68%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D581C 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 2D581C by changing the saturation by 10% instead.

 2D581C

 2D581C

FFFFFF

 144004

 5F8A4B

 002A00

 79A563

 001300

 93C07D

 000000

 AEDC97

 CAF9B2

 E7FFCD

 FFFFEA

 2D581C

 2D581C

■ 275813

■ 335825

■ 20580A

■ 3A582E

■ 1A5802

■ 405836

■ 195800

■ 46583F

■ 4D5848

■ 535851

■ 59585A

■ 5F5862

■ 66586B

Harmonies

Analogous

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



515106



2D581C



005C3A

Triad

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



2D581C



00578B



872F42

Complementary

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



2D581C



471C58

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.



7E3261



2D581C



264D8C

Square

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



2D581C



005C79



613F7D



803924

Rectangle

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



2D581C



005D50



613F7D



862F4C

Sweetspot

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



2D581C



62735C



58471C



313B2D



BABABA



3B3B3B

Same Dimension

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



2D581C



2F7315



1C5829



282B27



1E6B00



42EB00

Inverse Universe

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



471C58



581573



581C4B



2A272B



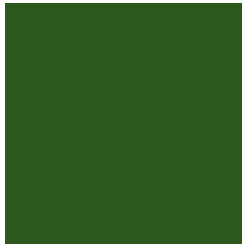
4D006B



A800EB

Previews

White Background



This preview shows how the Hex color 2D581C 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 2D581C Background



This preview shows how black text looks on a background with the Hex color 2D581C.



This preview shows how white text looks on a background with the Hex color 2D581C.

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
2D581C

Protanopia
574E19

Deuteranopia
614A21



Tritanopia
385259

Trichromacy



Original Color
2D581C

Protanomaly
48521A

Deuteranomaly
4E4F1F

Tritanomaly
345443

Monochromacy



Original Color
2D581C

Achromatopsia
444444

Achromatomaly
3C4B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D581C 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 #2D581C looks like.

```
.text, #text, p{  
    color:#2D581C  
}
```

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 #2D581C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D581C
}
```

Border

The CSS property to change the border of an element to Hex 2D581C 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
#2D581C }
```

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

```
.border{ border-color:#2D581C }
```

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

Here you see how a box with a 4 pixel #2D581C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D581C; -webkit-box-shadow:4px 4px  
4px 4px #2D581C; box-shadow:4px 4px 4px  
4px #2D581C }
```

Background

The CSS property to change the background color of an element to Hex 2D581C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D581C }
```

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

```
.background{ background-color:#2D581C }
```

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