

# Converting Colors

Hex(2D551C)

Have a look what the booklet for  
Hex(2D551C) contains.

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**Color**

**Hex(2D551C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D551C
RGB	45, 85, 28
RGB Percent	18%, 33%, 11%
CMY	0.8235, 0.6667, 0.8902
CMYK	0.47, 0.00, 0.67, 0.67
HSL	102°, 50%, 22%
HSV	102°, 67%, 33%
XYZ	4.5403, 7.1387, 2.2372
YIQ	66.5420, -5.5430, -26.2070

# Conversions

## Conversions Part 2

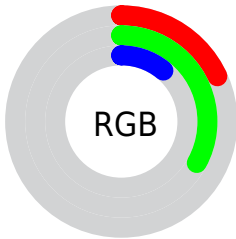
Format	Color
<b>RYB</b>	28, 85, 68
Decimal	2970908
CIELab	32.12, -26.00, 28.19
CIELCh	32, 38.346, 132.684
Yxy	7.1387, 0.3263, 0.5130
Android (android.graphics.Color)	4281160988 (0xFF2D551C)
YUV	66.5420, -19.0012, -18.8923
Hunter-Lab	26.7184, -16.4245, 13.7383

# Details

The Hex color **2D551C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **441C55**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5E874A**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **275514**, and if you desaturate by 10%, it is **335525**.

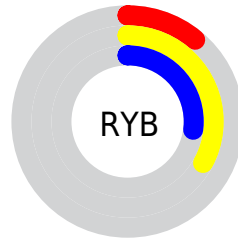
# Distribution



 Red (18%)

 Green (33%)

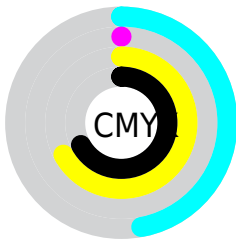
 Blue (11%)




 Red (11%)

 Yellow (33%)

 Blue (27%)

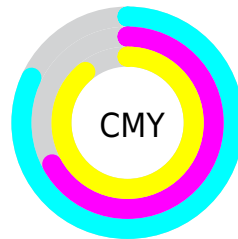


 Cyan (47%)

 Magenta (0%)

 Yellow (67%)

 Black (67%)



 Cyan (82%)

 Magenta (67%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D551C 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 2D551C by changing the saturation by 10% instead.



 2D551C

 2D551C

FFFFFF

 143D04

 5E874A

 002700

 78A163

 000E00

 92BD7C

 000000

 ADD996

 C9F5B1

 E6FFCD

 FFFFE9

 2D551C

 2D551C

■ 275514

■ 335525

■ 21550B

■ 39552D

■ 1B5503

■ 3F5535

■ 195500

■ 45553E

■ 4B5547

■ 51554F

■ 575557

■ 5D5560

■ 635568

# Harmonies

## Analogous

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



4F4E08



2D551C



005939

# Triad

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



2D551C



005485



822F40

# Complementary

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



2D551C



441C55

# 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.



79325E



2D551C



264B87

# Square

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



2D551C



005974



5D3E78



7C3724

# Rectangle

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



2D551C



005A4D



5D3E78



812E4A



# Sweetspot

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



2D551C



5E6E58



55441C



2F382B



B8B8B8



383838



# Same Dimension

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



2D551C



306E16



1C5527



282B27



206B00



46EB00



# Inverse Universe

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



441C55



53166E



551C4A



2A272B



4B006B

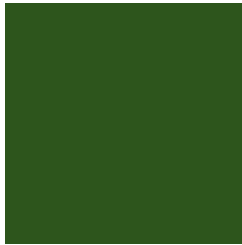


A500EB



# Previews

## White Background



This preview shows how the Hex color 2D551C 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

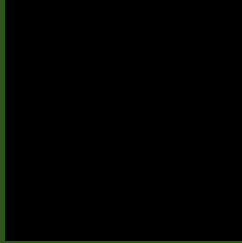
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D551C Background



This preview shows how black text looks on a background with the Hex color 2D551C.



This preview shows how white text looks on a background with the Hex color 2D551C.

# 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**  
2D551C

**Protanopia**  
544C19

**Deuteranopia**  
5D4820



**Tritanopia**  
374F56

# Trichromacy



**Original Color**  
2D551C

**Protanomaly**  
464F1A

**Deuteranomaly**  
4C4D1F

**Tritanomaly**  
335141

# Monochromacy



**Original Color**  
2D551C

**Achromatopsia**  
434343

**Achromatomaly**  
3B4A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D551C 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 #2D551C looks like.

```
.text, #text, p{  
    color:#2D551C  
}
```

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 #2D551C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D551C
}
```

## Border

The CSS property to change the border of an element to Hex 2D551C 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
#2D551C }
```

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

```
.border{ border-color:#2D551C }
```

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

Here you see how a box with a 4 pixel #2D551C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D551C; -webkit-box-shadow:4px 4px  
4px 4px #2D551C; box-shadow:4px 4px 4px  
4px #2D551C }
```

# Background

The CSS property to change the background color of an element to Hex 2D551C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D551C }
```

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

```
.background{ background-color:#2D551C }
```

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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