

# Converting Colors

Hex(2D572B)

Have a look what the booklet for  
Hex(2D572B) contains.

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# Color

Hex(2D572B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D572B
RGB	45, 87, 43
RGB Percent	18%, 34%, 17%
CMY	0.8235, 0.6588, 0.8314
CMYK	0.48, 0.00, 0.51, 0.66
HSL	117°, 34%, 25%
HSV	117°, 51%, 34%
XYZ	4.9264, 7.5487, 3.4829
YIQ	69.4260, -10.9080, -22.5880

# Conversions

## Conversions Part 2

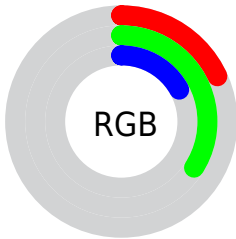
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 87, 85
Decimal	2971435
CIE <sub>Lab</sub>	33.02, -24.89, 21.04
CIE <sub>LCh</sub>	33, 32.590, 139.794
Yxy	7.5487, 0.3087, 0.4730
Android (android.graphics.Color)	4281161515 (0xFF2D572B)
YUV	69.4260, -13.0280, -21.4216
Hunter-Lab	27.4749, -16.0748, 11.7164

# Details

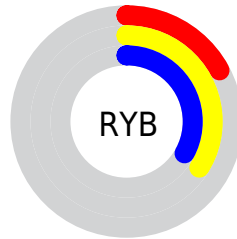
The Hex color **2D572B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552B57**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5E8959**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **255722**, and if you desaturate by 10%, it is **355734**.

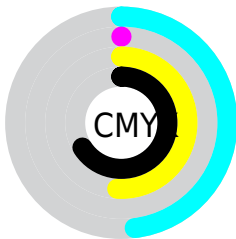
# Distribution



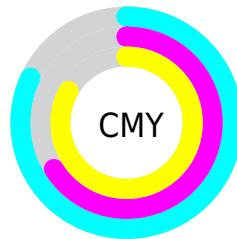
- Red (18%)
- Green (34%)
- Blue (17%)



- Red (17%)
- Yellow (34%)
- Blue (33%)



- Cyan (48%)
- Magenta (0%)
- Yellow (51%)
- Black (66%)



- Cyan (82%)
- Magenta (66%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D572B 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 2D572B by changing the saturation by 10% instead.





2D572B



2D572B

FFFFFF



153F15



5E8959



002900



77A472



001300



92BF8C



000000



ADDBA6



C8F7C2



E5FFDE



FFFFFFA



2D572B



2D572B

■ 255722

■ 355734

■ 1C571A

■ 3E573C

■ 145711

■ 465745

■ 0C5708

■ 4E574E

■ 045700

■ 575757

■ 5F575F

■ 675768

■ 6F5771

■ 785779

# Harmonies

## Analogous

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



4B511A



2D572B



005A44

# Triad

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



2D572B



005380



7D383E

# Complementary

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



2D572B



552B57

# 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.



783858



2D572B



404A7E

# Square

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



2D572B



005874



65406F



753F27

# Rectangle

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



2D572B



005A56



65406F



7D3746



# Sweetspot

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



2D572B



60705F



57552B



2E382E



B8B8B8



383838



# Same Dimension

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



2D572B



2F702C



2B573F



272B27



056B00



0BEB00



# Inverse Universe

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



552B57



6D2C70



572B43



2B272B



66006B

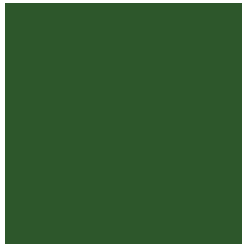


E000EB



# Previews

## White Background



This preview shows how the Hex color 2D572B looks on a white background.

## Color Contrast Check

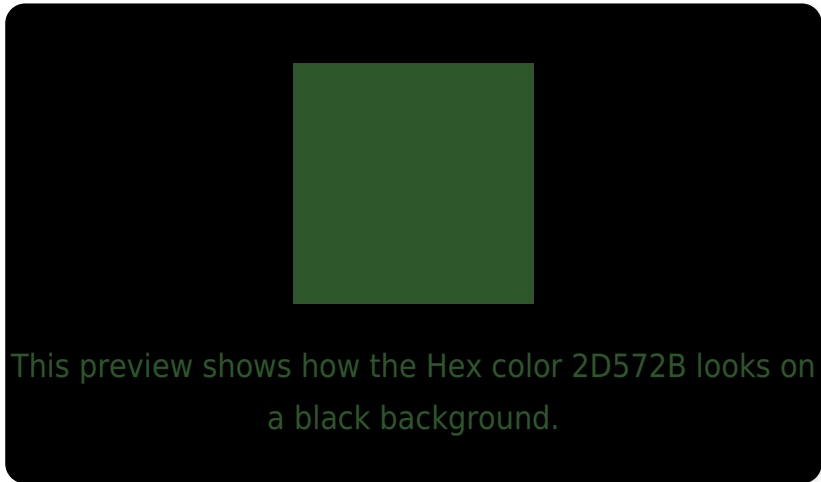
Large Text (above 18pt) WCAG AA ✓ Pass

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

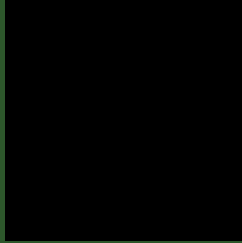
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D572B Background



This preview shows how black text looks on a background with the Hex color 2D572B.



This preview shows how white text looks on a background with the Hex color 2D572B.

# 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**  
2D572B

**Protanopia**  
554D28

**Deuteranopia**  
5E4A2E



**Tritanopia**  
365259

# Trichromacy



**Original Color**  
2D572B

**Protanomaly**  
465129

**Deuteranomaly**  
4C4F2D

**Tritanomaly**  
335448

# Monochromacy



**Original Color**  
2D572B

**Achromatopsia**  
454545

**Achromatomaly**  
3C4C3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D572B 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 #2D572B looks like.

```
.text, #text, p{  
    color:#2D572B  
}
```

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 #2D572B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D572B
}
```

## Border

The CSS property to change the border of an element to Hex 2D572B 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".

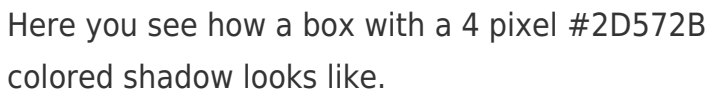
```
.border, #border, table{ border:4px solid
#2D572B }
```

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

```
.border{ border-color:#2D572B }
```

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

Here you see how a box with a 4 pixel #2D572B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D572B; -webkit-box-shadow:4px 4px  
4px 4px #2D572B; box-shadow:4px 4px 4px  
4px #2D572B }
```

# Background

The CSS property to change the background color of an element to Hex 2D572B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D572B }
```

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

```
.background{ background-color:#2D572B }
```

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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