

Converting Colors

Hex(2D952D)

Have a look what the booklet for
Hex(2D952D) contains.

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Color

Hex(2D952D)

Conversions

Conversions Part 1

Format	Color
Hex	2D952D
RGB	45, 149, 45
RGB Percent	18%, 58%, 18%
CMY	0.8235, 0.4157, 0.8235
CMYK	0.70, 0.00, 0.70, 0.42
HSL	120°, 54%, 38%
HSV	120°, 70%, 58%
XYZ	12.3033, 22.2422, 6.1274
YIQ	106.0480, -28.6000, -54.3920

Conversions

Conversions Part 2

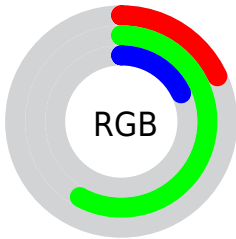
Format	Color
RYB	45, 149, 149
Decimal	2987309
CIELab	54.28, -50.02, 44.54
CIElCh	54, 66.970, 138.317
Yxy	22.2422, 0.3025, 0.5469
Android (android.graphics.Color)	4281177389 (0xFF2D952D)
YUV	106.0480, -30.0967, -53.5391
Hunter-Lab	47.1617, -35.9668, 25.3101

Details

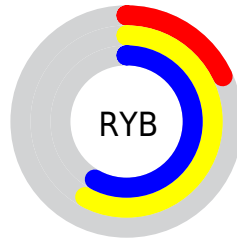
The Hex color **2D952D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **952D95**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6ACC60**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **1E951E**, and if you desaturate by 10%, it is **3C953C**.

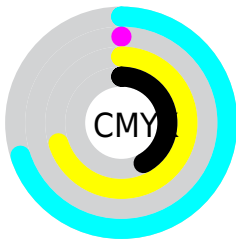
Distribution



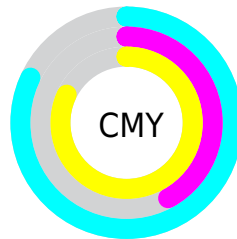
- Red (18%)
- Green (58%)
- Blue (18%)



- Red (18%)
- Yellow (58%)
- Blue (18%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D952D 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 2D952D by changing the saturation by 10% instead.

 2D952D

 2D952D

FFFFFF

 007B11

 6ACC60

 006100

 86E97A

 004800

 A3FF95

 003100

 C0FFB1

 001800

 DDFE9

 000000

 FBF9E9

 2D952D

 2D952D

 1E951E

 3C953C

0F950F

4B954B

009500

5A955A

699569

789578

869586

959595

A495A4

B395B3

Harmonies

Analogous

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



7B8A00



2D952D



009B68

Triad

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



2D952D



008FF4



E84561

Complementary

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



2D952D



952D95

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.



DD479B



2D952D



4A7CF1

Square

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



2D952D



0099D8



B061D0



D55D2B

Rectangle

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



2D952D



009C91



B061D0



E84274

Sweetspot

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



2D952D



99C299



95952D



496149



E0E0E0



616161

Same Dimension

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



2D952D



1FC21F



2D9561



434A43



008A00



000A00

Inverse Universe

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



952D95



C21FC2



952D61



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 2D952D looks on a white background.

Color Contrast Check

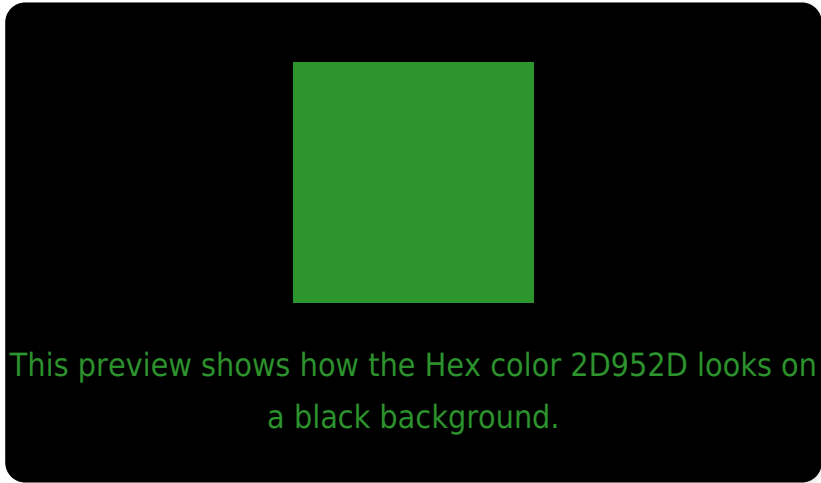
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

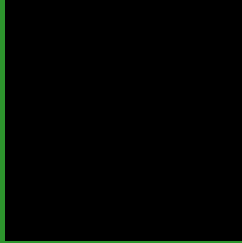
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2D952D Background



This preview shows how black text looks on a background with the Hex color 2D952D.



This preview shows how white text looks on a background with the Hex color 2D952D.

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
2D952D

Protanopia
908128

Deuteranopia
A07B36



Tritanopia
498B96

Trichromacy



Original Color
2D952D



Protanomaly
6C882A



Deuteranomaly
768433



Tritanomaly
3F8F70

Monochromacy



Original Color
2D952D



Achromatopsia
6A6A6A



Achromatomaly
547A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D952D 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 #2D952D looks like.

```
.text, #text, p{  
    color:#2D952D  
}
```

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 #2D952D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D952D
}
```

Border

The CSS property to change the border of an element to Hex 2D952D 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
#2D952D }
```

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

```
.border{ border-color:#2D952D }
```

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

Here you see how a box with a 4 pixel #2D952D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D952D; -webkit-box-shadow:4px 4px  
4px 4px #2D952D; box-shadow:4px 4px 4px  
4px #2D952D }
```

Background

The CSS property to change the background color of an element to Hex 2D952D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D952D }
```

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

```
.background{ background-color:#2D952D }
```

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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