

Converting Colors

Hex(2D9242)

Have a look what the booklet for
Hex(2D9242) contains.

Hex(2D9242)	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(2D9242)

Conversions

Conversions Part 1

Format	Color
Hex	2D9242
RGB	45, 146, 66
RGB Percent	18%, 57%, 26%
CMY	0.8235, 0.4275, 0.7412
CMYK	0.69, 0.00, 0.55, 0.43
HSL	132°, 53%, 37%
HSV	132°, 69%, 57%
XYZ	12.3444, 21.5090, 8.6553
YIQ	106.6810, -34.5160, -46.2920

Conversions

Conversions Part 2

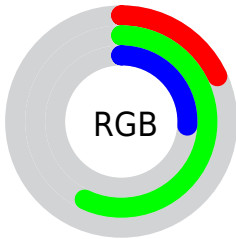
Format	Color
RYB	45, 129, 146
Decimal	2986562
CIELab	53.50, -46.37, 33.84
CIElCh	54, 57.401, 143.880
Yxy	21.5090, 0.2904, 0.5060
Android (android.graphics.Color)	4281176642 (0xFF2D9242)
YUV	106.6810, -20.0557, -54.0942
Hunter-Lab	46.3778, -33.6496, 21.3994

Details

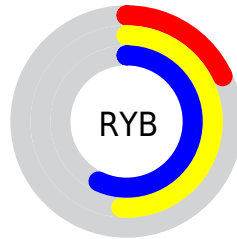
The Hex color **2D9242** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922D7D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **68C974**, and **005E11** is the 20% darker color. If you saturate the color by 10%, you get **1E9236**, and if you desaturate by 10%, it is **3C924E**.

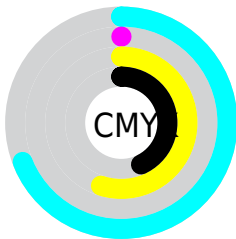
Distribution



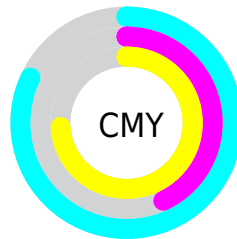
- Red (18%)
- Green (57%)
- Blue (26%)



- Red (18%)
- Yellow (51%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9242 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 2D9242 by changing the saturation by 10% instead.



2D9242



2D9242

FFFFFF



00782A



68C974



005E11



84E58E



004500



A1FFA9



002F00



BDFFC5



001500



DAFFE1



000000



F8FFFE



2D9242



2D9242



1E9236



3C924E

■ 10922B

■ 4A9259

■ 01921F

■ 599265

■ 00921E

■ 679270

■ 76927C

■ 859287

■ 939293

■ A2929F

■ B092AA

Harmonies

Analogous

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



728918



2D9242



009674

Triad

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



2D9242



0089E2



D8535B

Complementary

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



2D9242



922D7D

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.



D3508C



2D9242



6C77DB

Square

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



2D9242



0093CF



B261BB



C5662F

Rectangle

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



2D9242



009796



B261BB



D9506B

Sweetspot

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



2D9242



95BD9D



7E922D



475E4C



DEDEDE



5E5E5E

Same Dimension

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



2D9242



20BD41



2D9274



434A44



008A1D



000A02

Inverse Universe

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



922D7D



BD209C



922D4B



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 2D9242 looks on a white background.

Color Contrast Check

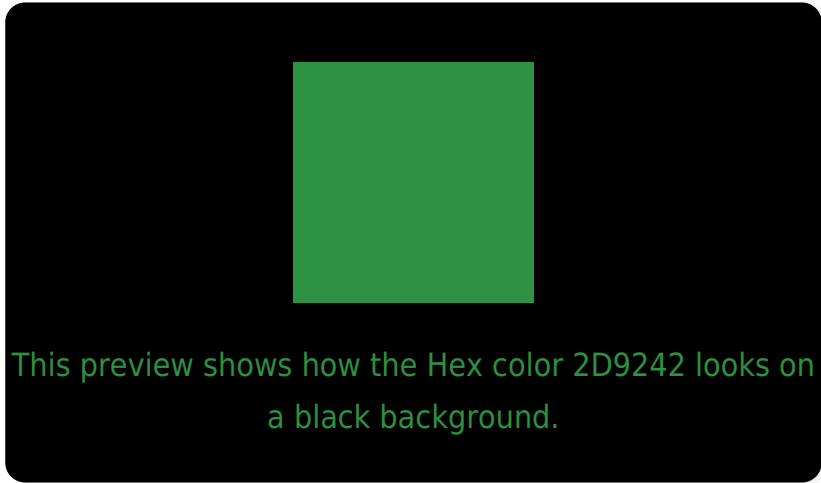
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D9242 Background



This preview shows how black text looks on a background with the Hex color 2D9242.



This preview shows how white text looks on a background with the Hex color 2D9242.

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
2D9242

Protanopia
8D7F3C

Deuteranopia
9B7949



Tritanopia
468994

Trichromacy



Original Color
2D9242



Protanomaly
6A863E



Deuteranomaly
738246



Tritanomaly
3D8C76

Monochromacy



Original Color
2D9242



Achromatopsia
6B6B6B



Achromatomaly
54795C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9242 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 #2D9242 looks like.

```
.text, #text, p{  
    color:#2D9242  
}
```

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 #2D9242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9242
}
```

Border

The CSS property to change the border of an element to Hex 2D9242 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
#2D9242 }
```

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

```
.border{ border-color:#2D9242 }
```

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

Here you see how a box with a 4 pixel #2D9242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9242; -webkit-box-shadow:4px 4px  
4px 4px #2D9242; box-shadow:4px 4px 4px  
4px #2D9242 }
```

Background

The CSS property to change the background color of an element to Hex 2D9242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9242 }
```

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

```
.background{ background-color:#2D9242 }
```

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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