

Converting Colors

Hex(2D8F58)

Have a look what the booklet for
Hex(2D8F58) contains.

Hex(2D8F58)	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(2D8F58)

Conversions

Conversions Part 1

Format	Color
Hex	2D8F58
RGB	45, 143, 88
RGB Percent	18%, 56%, 35%
CMY	0.8235, 0.4392, 0.6549
CMYK	0.69, 0.00, 0.38, 0.44
HSL	146°, 52%, 37%
HSV	146°, 69%, 56%
XYZ	12.6661, 20.9074, 12.6005
YIQ	107.4280, -40.7530, -37.8810

Conversions

Conversions Part 2

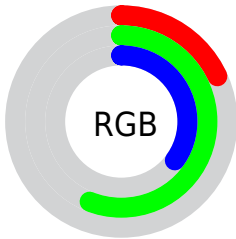
Format	Color
RYB	45, 113, 143
Decimal	2985816
CIELab	52.85, -41.37, 21.24
CIELCh	53, 46.502, 152.822
Yxy	20.9074, 0.2743, 0.4528
Android (android.graphics.Color)	4281175896 (0xFF2D8F58)
YUV	107.4280, -9.5780, -54.7494
Hunter-Lab	45.7246, -30.5720, 15.6685

Details

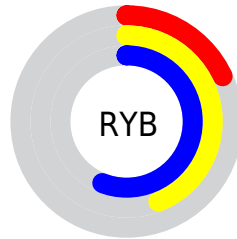
The Hex color **2D8F58** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2D64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **67C68A**, and **005B2A** is the 20% darker color. If you saturate the color by 10%, you get **1F8F50**, and if you desaturate by 10%, it is **3B8F60**.

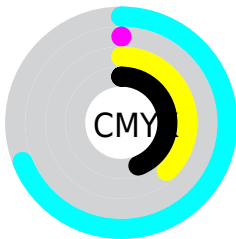
Distribution



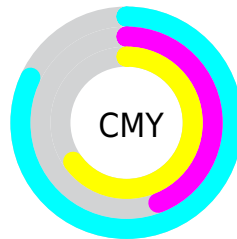
- Red (18%)
- Green (56%)
- Blue (35%)



- Red (18%)
- Yellow (44%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8F58 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 2D8F58 by changing the saturation by 10% instead.



2D8F58



2D8F58

FFFFFF



007540



67C68A



005B2A



83E2A5



004314



9FFFC0



002C00



BBFFDC



001200



D8FFF9



000000



F6FFFF



2D8F58



2D8F58



1F8F50



3B8F60

■ 108F48

■ 4A8F68

■ 028F40

■ 588F70

■ 008F3F

■ 668F78

■ 758F80

■ 838F88

■ 918F90

■ 9F8F98

■ AE8FA0

Harmonies

Analogous

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



688837



2D8F58



009281

Triad

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



2D8F58



3281CE



C56055

Complementary

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



2D8F58



8F2D64

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.



C65A7C



2D8F58



8572C2

Square

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



2D8F58



008CC5



B262A3



B16F36

Rectangle

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



2D8F58



00929C



B262A3



C85D61

Sweetspot

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



2D8F58



93BAA4



658F2D



475E51



DEDEDE



5E5E5E

Same Dimension

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



2D8F58



22BA64



2D8F88



404743



00873B



000803

Inverse Universe

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



8F2D64



BA2277



8F2D34



474044



87004C



080004

Previews

White Background



This preview shows how the Hex color 2D8F58 looks on a white background.

Color Contrast Check

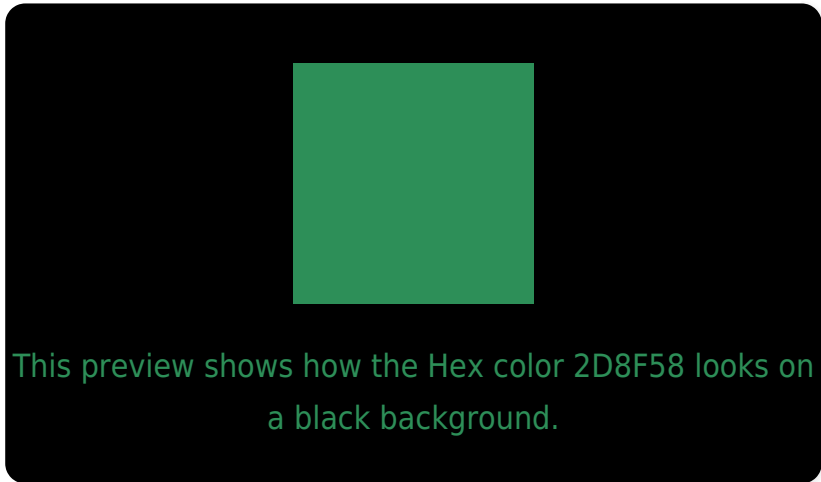
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D8F58 Background



This preview shows how black text looks on a background with the Hex color 2D8F58.



This preview shows how white text looks on a background with the Hex color 2D8F58.

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
2D8F58

Protanopia
887D51

Deuteranopia
94785D



Tritanopia
428893

Trichromacy



Original Color
2D8F58



Protanomaly
678454



Deuteranomaly
6F805B



Tritanomaly
3A8B7E

Monochromacy



Original Color
2D8F58



Achromatopsia
6B6B6B



Achromatomaly
547864

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8F58 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 #2D8F58 looks like.

```
.text, #text, p{  
    color:#2D8F58  
}
```

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 #2D8F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8F58
}
```

Border

The CSS property to change the border of an element to Hex 2D8F58 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
#2D8F58 }
```

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

```
.border{ border-color:#2D8F58 }
```

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

Here you see how a box with a 4 pixel #2D8F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8F58; -webkit-box-shadow:4px 4px  
4px 4px #2D8F58; box-shadow:4px 4px 4px  
4px #2D8F58 }
```

Background

The CSS property to change the background color of an element to Hex 2D8F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8F58 }
```

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

```
.background{ background-color:#2D8F58 }
```

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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