

Converting Colors

Hex(2F8F25)

Have a look what the booklet for
Hex(2F8F25) contains.

Hex(2F8F25)	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(2F8F25)

Conversions

Conversions Part 1

Format	Color
Hex	2F8F25
RGB	47, 143, 37
RGB Percent	18%, 56%, 15%
CMY	0.8157, 0.4392, 0.8549
CMYK	0.67, 0.00, 0.74, 0.44
HSL	114°, 59%, 35%
HSV	114°, 74%, 56%
XYZ	11.3287, 20.3828, 5.0875
YIQ	102.2120, -23.1900, -53.3180

Conversions

Conversions Part 2

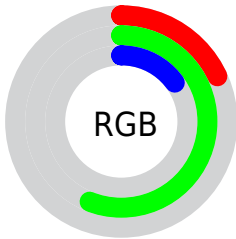
Format	Color
RYB	37, 143, 133
Decimal	3116837
CIELab	52.27, -48.19, 45.67
CIElCh	52, 66.391, 136.540
Yxy	20.3828, 0.3079, 0.5539
Android (android.graphics.Color)	4281306917 (0xFF2F8F25)
YUV	102.2120, -32.1495, -48.4209
Hunter-Lab	45.1473, -34.2174, 24.9220

Details

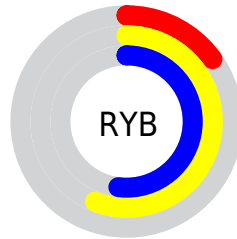
The Hex color **2F8F25** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **85258F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6AC659**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **228F17**, and if you desaturate by 10%, it is **3C8F33**.

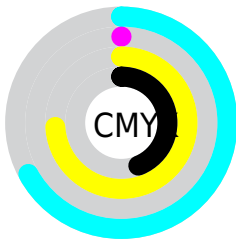
Distribution



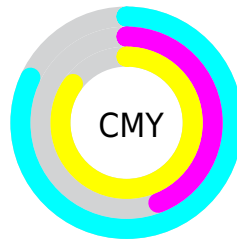
- Red (18%)
- Green (56%)
- Blue (15%)



- Red (15%)
- Yellow (56%)
- Blue (52%)



- Cyan (67%)
- Magenta (0%)
- Yellow (74%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8F25 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 2F8F25 by changing the saturation by 10% instead.



2F8F25



2F8F25

FFFFFF



007504



6AC659



005B00



86E273



004300



A3FF8E



002D00



C0FFA9



000F00



DDFFC5



000000



FBFFE1

FFFFFFE



2F8F25



2F8F25

■ 228F17

■ 3C8F33

■ 158F08

■ 498F42

■ 0D8F00

■ 568F50

■ 638F5E

■ 708F6D

■ 7D8F7B

■ 8A8F89

■ 978F97

■ A48FA6

Harmonies

Analogous

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



798400



2F8F25



009560

Triad

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



2F8F25



008BEC



E13F60

Complementary

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



2F8F25



85258F

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.



D54399



2F8F25



3779EB

Square

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



2F8F25



0094CF



A65ECC



D0572A

Rectangle

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



2F8F25



009688



A65ECC



E03C73

Sweetspot

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



2F8F25



95BA91



8F8425



485E46



DEDEDE



5E5E5E

Same Dimension

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



2F8F25



24BA14



258F4F



414740



0D8700



010800

Inverse Universe

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



85258F



AB14BA



8F2565



474047



7A0087



070008

Previews

White Background



This preview shows how the Hex color 2F8F25 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

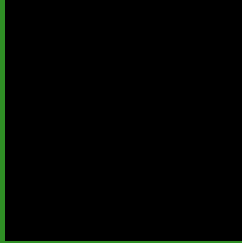
Any Text WCAG AA ✓ Pass

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 2F8F25 Background



This preview shows how black text looks on a background with the Hex color 2F8F25.

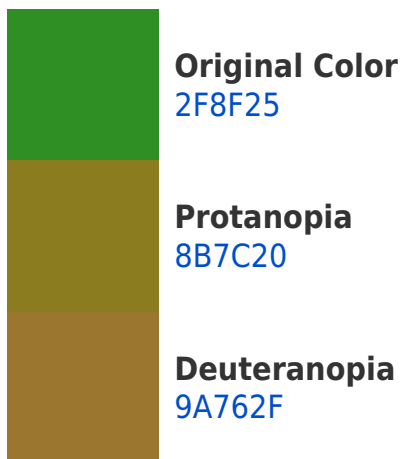


This preview shows how white text looks on a background with the Hex color 2F8F25.

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](#).

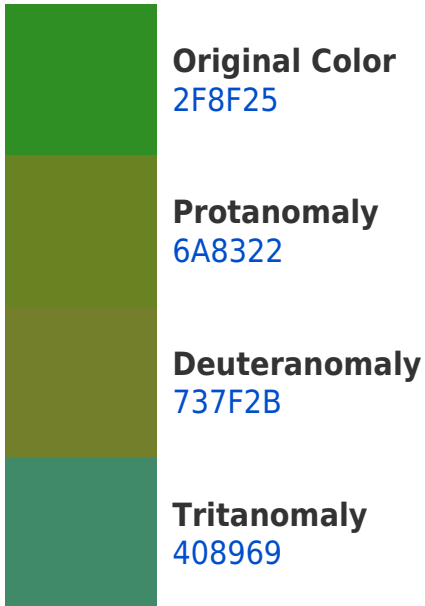
Dichromacy





Tritanopia
498590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8F25 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 #2F8F25 looks like.

```
.text, #text, p{  
    color:#2F8F25  
}
```

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 #2F8F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8F25
}
```

Border

The CSS property to change the border of an element to Hex 2F8F25 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
#2F8F25 }
```

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

```
.border{ border-color:#2F8F25 }
```

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

Here you see how a box with a 4 pixel #2F8F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8F25; -webkit-box-shadow:4px 4px  
4px 4px #2F8F25; box-shadow:4px 4px 4px  
4px #2F8F25 }
```

Background

The CSS property to change the background color of an element to Hex 2F8F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8F25 }
```

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

```
.background{ background-color:#2F8F25 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor