

Converting Colors

Hex(2F8523)

Have a look what the booklet for
Hex(2F8523) contains.

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Color

Hex(2F8523)

Conversions

Conversions Part 1

Format	Color
Hex	2F8523
RGB	47, 133, 35
RGB Percent	18%, 52%, 14%
CMY	0.8157, 0.4784, 0.8627
CMYK	0.65, 0.00, 0.74, 0.48
HSL	113°, 58%, 33%
HSV	113°, 74%, 52%
XYZ	9.8632, 17.5007, 4.4482
YIQ	96.1140, -19.7980, -48.7100

Conversions

Conversions Part 2

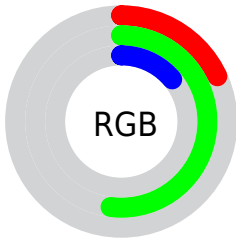
Format	Color
RYB	35, 133, 121
Decimal	3114275
CIELab	48.88, -44.71, 42.99
CIELCh	49, 62.028, 136.128
Yxy	17.5007, 0.3100, 0.5501
Android (android.graphics.Color)	4281304355 (0xFF2F8523)
YUV	96.1140, -30.1292, -43.0730
Hunter-Lab	41.8339, -31.1243, 22.9793

Details

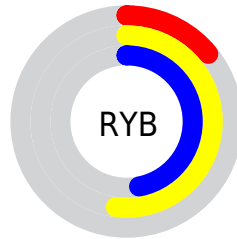
The Hex color **2F8523** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **792385**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68BB56**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **238516**, and if you desaturate by 10%, it is **3B8530**.

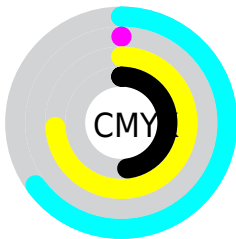
Distribution



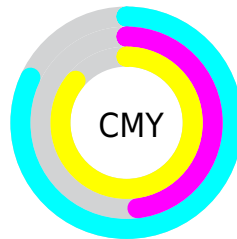
- Red (18%)
- Green (52%)
- Blue (14%)



- Red (14%)
- Yellow (52%)
- Blue (47%)



- Cyan (65%)
- Magenta (0%)
- Yellow (74%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8523 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 2F8523 by changing the saturation by 10% instead.



2F8523



2F8523

FFFFFF



066B04



68BB56



005200



84D770



003A00



A0F48A



002500



BDFFA5



000000



DAFFC1



F7FFDD



FFFFFFA



2F8523



2F8523

■ 238516

■ 3B8530

■ 188508

■ 46853E

■ 108500

■ 52854B

■ 5E8558

■ 698566

■ 758573

■ 818580

■ 8C858D

■ 98859B

Harmonies

Analogous

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



727A00



2F8523



008A59

Triad

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



2F8523



0081DB



D13C5A

Complementary

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



2F8523



792385

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.



C53F8F



2F8523



3471DA

Square

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



2F8523



008ABF



9958BE



C25129

Rectangle

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



2F8523



008C7E



9958BE



D03A6C

Sweetspot

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



2F8523



8CAD87



857823



435740



D6D6D6



575757

Same Dimension

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



2F8523



27AD15



238547



3C423C



108200



000300

Inverse Universe

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



792385



9B15AD



852361



413C42



720082



020003

Previews

White Background



This preview shows how the Hex color 2F8523 looks on a white background.

Color Contrast Check

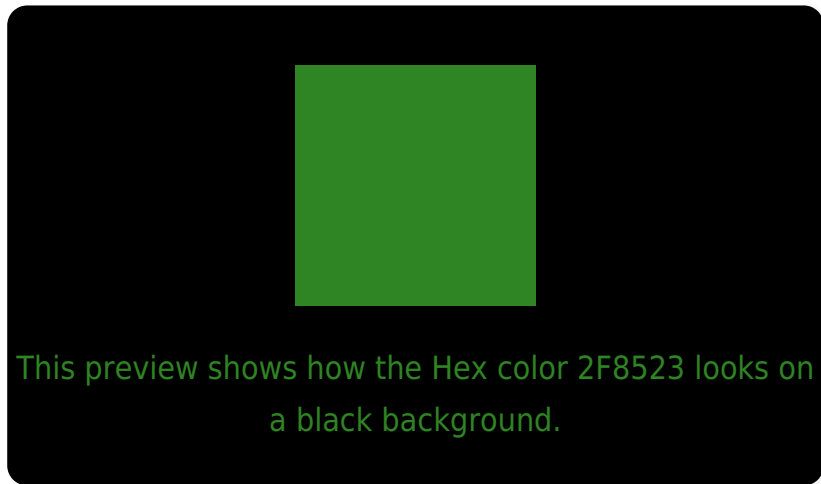
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

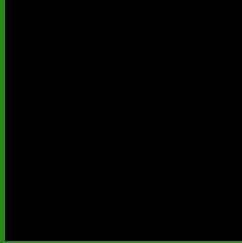
Any Text WCAG AA ✓ Pass

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 2F8523 Background



This preview shows how black text looks on a background with the Hex color 2F8523.



This preview shows how white text looks on a background with the Hex color 2F8523.

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
2F8523

Protanopia
82741F

Deuteranopia
906E2C



Tritanopia
467C86

Trichromacy



Original Color
2F8523



Protanomaly
647A20



Deuteranomaly
6D7629



Tritanomaly
3E7F62

Monochromacy



Original Color
2F8523



Achromatopsia
606060



Achromatomaly
4E6D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8523 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 #2F8523 looks like.

```
.text, #text, p{  
    color:#2F8523  
}
```

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 #2F8523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8523
}
```

Border

The CSS property to change the border of an element to Hex 2F8523 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
#2F8523 }
```

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

```
.border{ border-color:#2F8523 }
```

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

Here you see how a box with a 4 pixel #2F8523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8523; -webkit-box-shadow:4px 4px  
4px 4px #2F8523; box-shadow:4px 4px 4px  
4px #2F8523 }
```

Background

The CSS property to change the background color of an element to Hex 2F8523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8523 }
```

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

```
.background{ background-color:#2F8523 }
```

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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