

Converting Colors

Hex(2F9423)

Have a look what the booklet for
Hex(2F9423) contains.

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Color

Hex(2F9423)

Conversions

Conversions Part 1

Format	Color
Hex	2F9423
RGB	47, 148, 35
RGB Percent	18%, 58%, 14%
CMY	0.8157, 0.4196, 0.8627
CMYK	0.68, 0.00, 0.76, 0.42
HSL	114°, 62%, 36%
HSV	114°, 76%, 58%
XYZ	12.0656, 21.9055, 5.1824
YIQ	104.9190, -23.9230, -56.5550

Conversions

Conversions Part 2

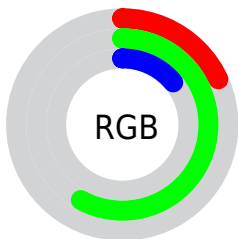
Format	Color
R_{YB}	35, 148, 136
Decimal	3118115
CIE _{Lab}	53.93, -50.12, 48.08
CIE _{LCh}	54, 69.454, 136.188
Yxy	21.9055, 0.3082, 0.5595
Android (android.graphics.Color)	4281308195 (0xFF2F9423)
YUV	104.9190, -34.4701, -50.7950
Hunter-Lab	46.8033, -35.8897, 26.1973

Details

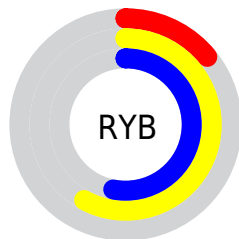
The Hex color **2F9423** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **882394**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6BCB58**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **229414**, and if you desaturate by 10%, it is **3C9432**.

Distribution



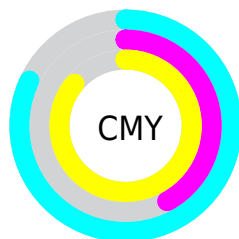
- Red (18%)
- Green (58%)
- Blue (14%)



- Red (14%)
- Yellow (58%)
- Blue (53%)



- Cyan (68%)
- Magenta (0%)
- Yellow (76%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9423 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 2F9423 by changing the saturation by 10% instead.



2F9423



2F9423

FFFFFF



007A00



6BCB58



006000



88E872



004700



A5FF8D



003000



C2FFA8



001600



DFFFC4



000000



FDFFE1

FFFFFFE



2F9423



2F9423

■ 229414

■ 3C9432

■ 159405

■ 499441

■ 109400

■ 57944F

■ 64945E

■ 71946D

■ 7E947C

■ 8C948B

■ 999499

■ A694A8

Harmonies

Analogous

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



7D8800



2F9423



009A62

Triad

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



2F9423



0090F6



EA3F63

Complementary

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



2F9423



882394

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.



DD439F



2F9423



317DF5

Square

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



2F9423



0099D7



AB60D5



D9582B

Rectangle

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



2F9423



009C8C



AB60D5



E93C77

Sweetspot

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



2F9423



98BF93



948723



496146



E0E0E0



616161

Same Dimension

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



2F9423



22BF0F



23944E



434A43



0F8A00



010A00

Inverse Universe

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



882394



AD0FBF



942369



49434A



7B008A



09000A

Previews

White Background



This preview shows how the Hex color 2F9423 looks on a white background.

Color Contrast Check

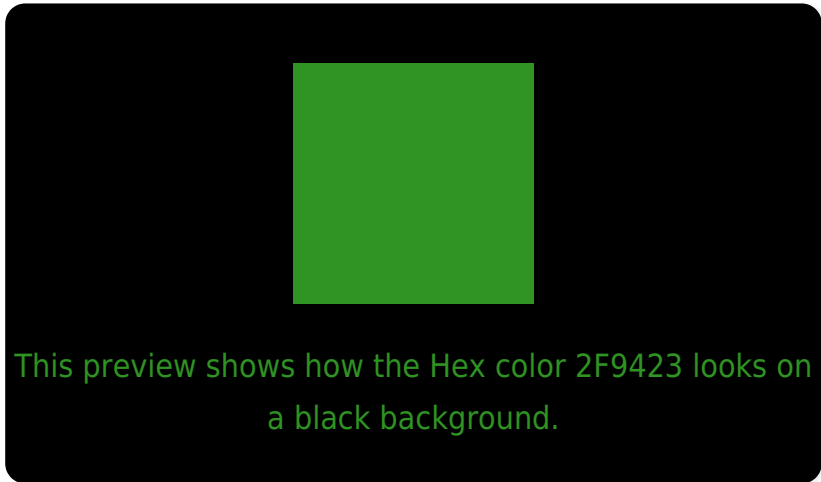
Large Text (above 18pt) WCAG AA ✓ Pass

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

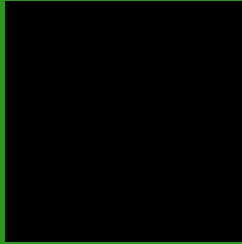
Any Text WCAG AA ✓ Pass

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 2F9423 Background



This preview shows how black text looks on a background with the Hex color 2F9423.



This preview shows how white text looks on a background with the Hex color 2F9423.

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
2F9423

Protanopia
90801E

Deuteranopia
A07A2E



Tritanopia
4B8A95

Trichromacy



Original Color

2F9423



Protanomaly

6D8720



Deuteranomaly

77832A



Tritanomaly

418E6C

Monochromacy



Original Color

2F9423



Achromatopsia

696969



Achromatomaly

547950

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9423 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 #2F9423 looks like.

```
.text, #text, p{  
    color:#2F9423  
}
```

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 #2F9423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9423
}
```

Border

The CSS property to change the border of an element to Hex 2F9423 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
#2F9423 }
```

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

```
.border{ border-color:#2F9423 }
```

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

Here you see how a box with a 4 pixel #2F9423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9423; -webkit-box-shadow:4px 4px  
4px 4px #2F9423; box-shadow:4px 4px 4px  
4px #2F9423 }
```

Background

The CSS property to change the background color of an element to Hex 2F9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9423 }
```

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

```
.background{ background-color:#2F9423 }
```

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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