

Converting Colors

Hex(2FA629)

Have a look what the booklet for
Hex(2FA629) contains.

Hex(2FA629)	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(2FA629)

Conversions

Conversions Part 1

Format	Color
Hex	2FA629
RGB	47, 166, 41
RGB Percent	18%, 65%, 16%
CMY	0.8157, 0.3490, 0.8392
CMYK	0.72, 0.00, 0.75, 0.35
HSL	117°, 60%, 41%
HSV	117°, 75%, 65%
XYZ	15.2087, 28.0369, 6.7079
YIQ	116.1690, -30.7990, -64.1030

Conversions

Conversions Part 2

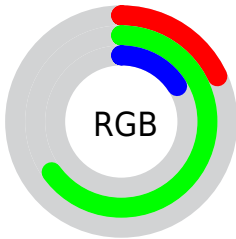
Format	Color
RYB	41, 166, 160
Decimal	3122729
CIELab	59.92, -55.80, 51.91
CIELCh	60, 76.213, 137.069
Yxy	28.0369, 0.3045, 0.5613
Android (android.graphics.Color)	4281312809 (0xFF2FA629)
YUV	116.1690, -37.0583, -60.6612
Hunter-Lab	52.9499, -41.3918, 29.5538

Details

The Hex color **2FA629** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A029A6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FDE5F**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **1FA618**, and if you desaturate by 10%, it is **3FA63A**.

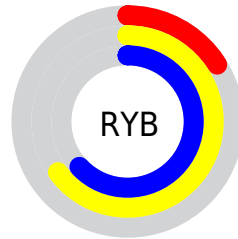
Distribution



Red (18%)

Green (65%)

Blue (16%)



Red (16%)

Yellow (65%)

Blue (63%)

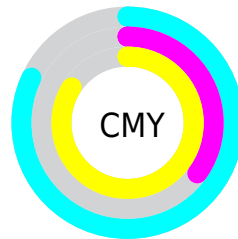


Cyan (72%)

Magenta (0%)

Yellow (75%)

Black (35%)



Cyan (82%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA629 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 2FA629 by changing the saturation by 10% instead.



2FA629



2FA629

FFFFFF



008B05



6FDE5F



007100



8CFB7A



005700



AAFF95



003E00



C7FFB0



002800



E5FFCD



000000



FFFEEA



2FA629



2FA629



1FA618



3FA63A

■ 0FA608

■ 4FA64A

■ 08A600

■ 5EA65B

■ 6EA66B

■ 7EA67C

■ 8EA68D

■ 9EA69D

■ ADA6AE

■ BDA6BE

Harmonies

Analogous

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



8A9900



2FA629



00AC70

Triad

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



2FA629



00A1FF



FF466D

Complementary

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



2FA629



A029A6

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.



F949B0



2FA629



3E8BFF

Square

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



2FA629



00ABF2



C26BED



F1642E

Rectangle

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



2FA629



00AE9F



C26BED



FF4283

Sweetspot

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



2FA629



A9D9A7



A6A029



506E4F



EDEDED



6E6E6E

Same Dimension

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



2FA629



1FD916



29A661



4C544C



079400



011400

Inverse Universe

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



A029A6



CF16D9



A6296E



544C54



8D0094



130014

Previews

White Background



This preview shows how the Hex color 2FA629 looks on a white background.

Color Contrast Check

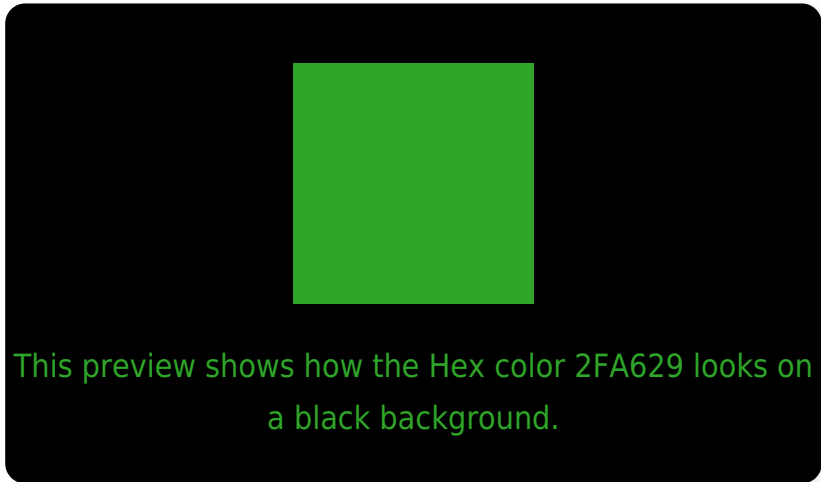
Large Text (above 18pt) WCAG AA ✓ Pass

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 2FA629 Background



This preview shows how black text looks on a background with the Hex color 2FA629.

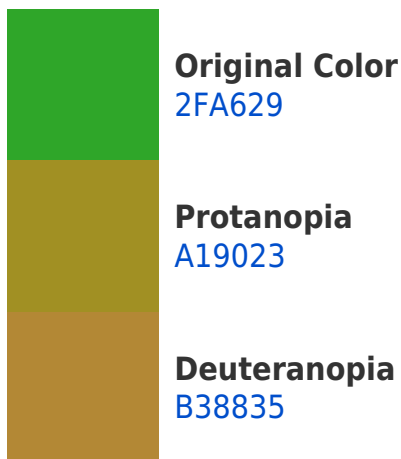


This preview shows how white text looks on a background with the Hex color 2FA629.

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
519BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA629 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 #2FA629 looks like.

```
.text, #text, p{  
    color:#2FA629  
}
```

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 #2FA629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA629
}
```

Border

The CSS property to change the border of an element to Hex 2FA629 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
#2FA629 }
```

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

```
.border{ border-color:#2FA629 }
```

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

Here you see how a box with a 4 pixel #2FA629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA629; -webkit-box-shadow:4px 4px  
4px 4px #2FA629; box-shadow:4px 4px 4px  
4px #2FA629 }
```

Background

The CSS property to change the background color of an element to Hex 2FA629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA629 }
```

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

```
.background{ background-color:#2FA629 }
```

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