

Converting Colors

Hex(42903F)

Have a look what the booklet for
Hex(42903F) contains.

Hex(42903F)	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(42903F)

Conversions

Conversions Part 1

Format	Color
Hex	42903F
RGB	66, 144, 63
RGB Percent	26%, 56%, 25%
CMY	0.7412, 0.4353, 0.7529
CMYK	0.54, 0.00, 0.56, 0.44
HSL	118°, 39%, 41%
HSV	118°, 56%, 56%
XYZ	13.1172, 21.4636, 8.1542
YIQ	111.4440, -20.4870, -41.7270

Conversions

Conversions Part 2

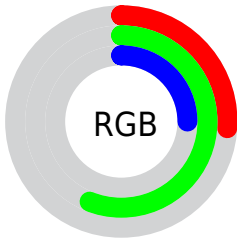
Format	Color
RYB	63, 144, 141
Decimal	4362303
CIELab	53.45, -40.98, 35.45
CIELCh	53, 54.182, 139.142
Yxy	21.4636, 0.3069, 0.5022
Android (android.graphics.Color)	4282552383 (0xFF42903F)
YUV	111.4440, -23.8829, -39.8544
Hunter-Lab	46.3289, -30.5363, 21.9948

Details

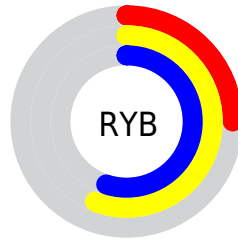
The Hex color **42903F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8D3F90**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **79C771**, and **005D0D** is the 20% darker color. If you saturate the color by 10%, you get **349031**, and if you desaturate by 10%, it is **50904D**.

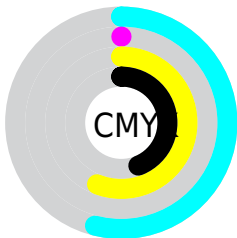
Distribution



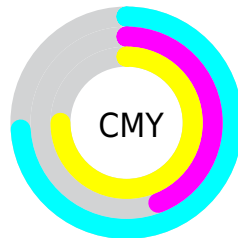
- Red (26%)
- Green (56%)
- Blue (25%)



- Red (25%)
- Yellow (56%)
- Blue (55%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42903F 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 42903F by changing the saturation by 10% instead.

 42903F

 42903F

FFFFFF

 257627

 79C771

 005D0D

 94E38B

 004400

 B0FFA6

 002D00

 CDFFC1

 001400

 EAFFDE

 000000

 FFFFAA

 42903F

 42903F

 349031

 50904D

 269022

 5E905C

 189014

 6C906A

 0B9005

 799079

 059000

 879087

 959095

 A390A4

 B190B2

 BF90C1

Harmonies

Analogous

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



7B861D



42903F



00956D

Triad

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



42903F



008ADB



D45564

Complementary

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



42903F



8D3F90

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.



CC5693



42903F



607AD8

Square

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



42903F



0093C5



A766BD



C6653A

Rectangle

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



42903F



00968D



A766BD



D45373

Sweetspot

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



42903F



9CBA9B



908C3F



4C5E4B



DEDEDE



5E5E5E

Same Dimension

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



42903F



40BA3C



3F9063



414740



058700



000800

Inverse Universe

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



8D3F90



B53CBA



903F6C



474047



820087



070008

Previews

White Background



This preview shows how the Hex color 42903F looks on a white background.

Color Contrast Check

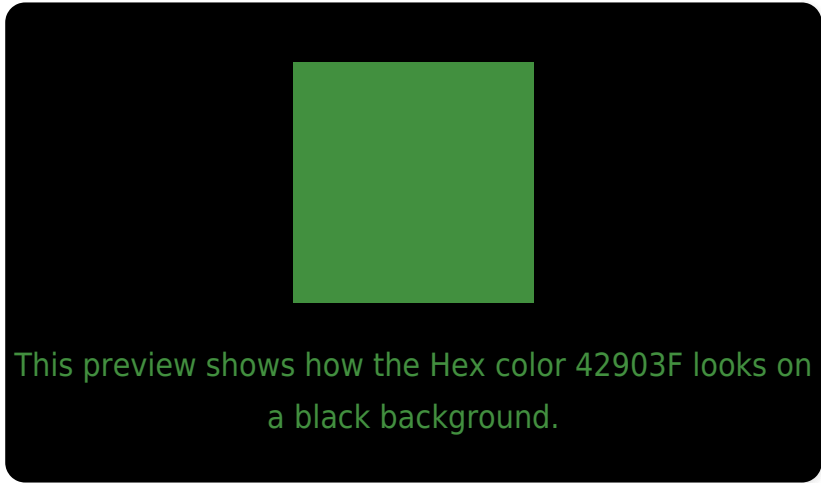
Large Text (above 18pt) WCAG AA ✓ Pass

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

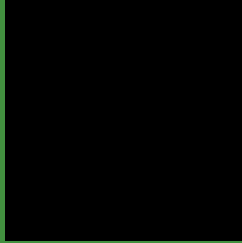
Any Text WCAG AA ✓ Pass

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 42903F Background



This preview shows how black text looks on a background with the Hex color 42903F.



This preview shows how white text looks on a background with the Hex color 42903F.

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
548792

Trichromacy



Original Color
42903F

Protanomaly
72853C

Deuteranomaly
7B8143

Tritanomaly
4D8A74

Monochromacy



Original Color
42903F

Achromatopsia
6F6F6F

Achromatomaly
5F7B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 42903F 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 #42903F looks like.

```
.text, #text, p{  
    color:#42903F  
}
```

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 #42903F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42903F
}
```

Border

The CSS property to change the border of an element to Hex 42903F 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
#42903F }
```

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

```
.border{ border-color:#42903F }
```

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

Here you see how a box with a 4 pixel #42903F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42903F; -webkit-box-shadow:4px 4px  
4px 4px #42903F; box-shadow:4px 4px 4px  
4px #42903F }
```

Background

The CSS property to change the background color of an element to Hex 42903F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42903F }
```

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

```
.background{ background-color:#42903F }
```

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