

Converting Colors

Hex(42863F)

Have a look what the booklet for
Hex(42863F) contains.

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Color

Hex(42863F)

Conversions

Conversions Part 1

Format	Color
Hex	42863F
RGB	66, 134, 63
RGB Percent	26%, 53%, 25%
CMY	0.7412, 0.4745, 0.7529
CMYK	0.51, 0.00, 0.53, 0.47
HSL	117°, 36%, 39%
HSV	117°, 53%, 53%
XYZ	11.6691, 18.5673, 7.6715
YIQ	105.5740, -17.7370, -36.4970

Conversions

Conversions Part 2

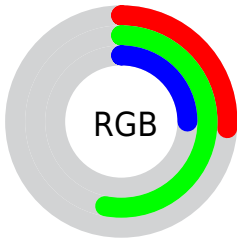
Format	Color
RYB	63, 134, 131
Decimal	4359743
CIELab	50.18, -36.74, 31.49
CIElCh	50, 48.392, 139.397
Yxy	18.5673, 0.3078, 0.4898
Android (android.graphics.Color)	4282549823 (0xFF42863F)
YUV	105.5740, -20.9890, -34.7064
Hunter-Lab	43.0898, -27.0680, 19.6072

Details

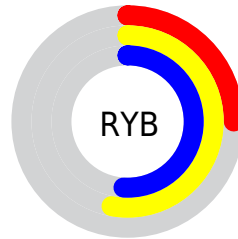
The Hex color **42863F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **833F86**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **77BC70**, and **03530F** is the 20% darker color. If you saturate the color by 10%, you get **358632**, and if you desaturate by 10%, it is **4F864C**.

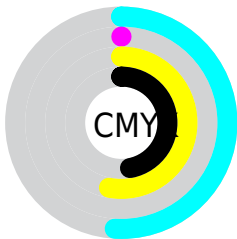
Distribution



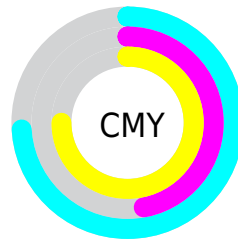
- Red (26%)
- Green (53%)
- Blue (25%)



- Red (25%)
- Yellow (53%)
- Blue (51%)



- Cyan (51%)
- Magenta (0%)
- Yellow (53%)
- Black (47%)



- Cyan (74%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42863F 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 42863F by changing the saturation by 10% instead.



42863F



42863F

FFFFFF



276C27



77BC70



03530F



92D88A



003C00



AEF4A5



002700



CAFFC0



000100



E7FFDC



000000



FFFFFF9



42863F



42863F



358632



4F864C

 288624

 5C865A

 1B8617

 698667

 0F8609

 758675

 068600

 828682

 8F868F

 9C869D

 A986AA

 B686B8

Harmonies

Analogous

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



747D23



42863F



008A67

Triad

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



42863F



0080C8



C3535E

Complementary

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



42863F



833F86

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.



BB5388



42863F



5E72C5

Square

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



42863F



0088B5



9B61AD



B6603A

Rectangle

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



42863F



008B84



9B61AD



C3516C

Sweetspot

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



42863F



93AD92



86823F



475746



D6D6D6



575757

Same Dimension

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



42863F



43AD3E



3F865F



3C423C



058200



000300

Inverse Universe

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



833F86



A93EAD



863F66



423C42



7D0082



020003

Previews

White Background



This preview shows how the Hex color 42863F looks on a white background.

Color Contrast Check

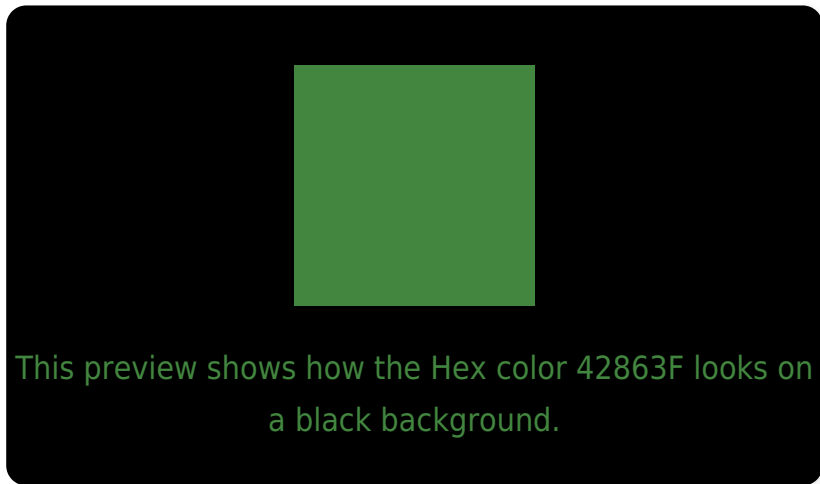
Large Text (above 18pt) WCAG AA ✓ Pass

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 42863F Background



This preview shows how black text looks on a background with the Hex color 42863F.



This preview shows how white text looks on a background with the Hex color 42863F.

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
42863F

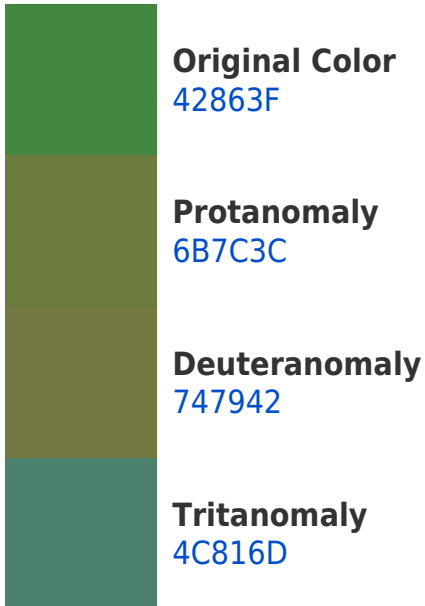
Protanopia
83773A

Deuteranopia
917144

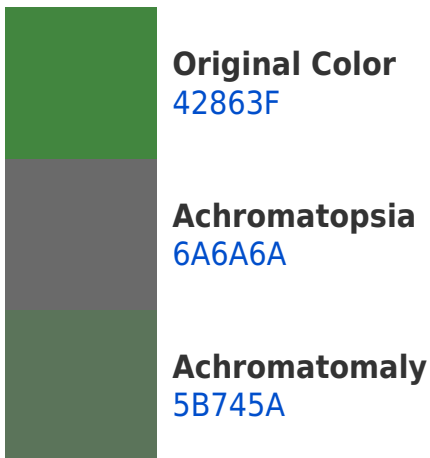


Tritanopia
527E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42863F 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 #42863F looks like.

```
.text, #text, p{  
    color:#42863F  
}
```

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 #42863F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42863F
}
```

Border

The CSS property to change the border of an element to Hex 42863F 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
#42863F }
```

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

```
.border{ border-color:#42863F }
```

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

Here you see how a box with a 4 pixel #42863F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42863F; -webkit-box-shadow:4px 4px  
4px 4px #42863F; box-shadow:4px 4px 4px  
4px #42863F }
```

Background

The CSS property to change the background color of an element to Hex 42863F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42863F }
```

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

```
.background{ background-color:#42863F }
```

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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