

Converting Colors

Hex(5D943F)

Have a look what the booklet for
Hex(5D943F) contains.

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Color

Hex(5D943F)

Conversions

Conversions Part 1

Format	Color
Hex	5D943F
RGB	93, 148, 63
RGB Percent	36%, 58%, 25%
CMY	0.6353, 0.4196, 0.7529
CMYK	0.37, 0.00, 0.57, 0.42
HSL	99°, 40%, 41%
HSV	99°, 57%, 58%
XYZ	16.0013, 23.8658, 8.4658
YIQ	121.8650, -5.4950, -38.0950

Conversions

Conversions Part 2

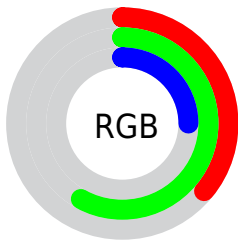
Format	Color
RYB	63, 148, 118
Decimal	6132799
CIELab	55.95, -34.06, 38.69
CIELCh	56, 51.549, 131.354
Yxy	23.8658, 0.3311, 0.4938
Android (android.graphics.Color)	4284322879 (0xFF5D943F)
YUV	121.8650, -29.0204, -25.3146
Hunter-Lab	48.8527, -27.0259, 23.9223

Details

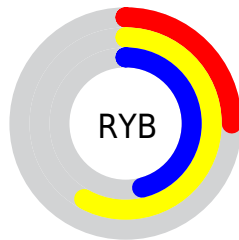
The Hex color **5D943F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **763F94**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **92CA71**, and **28610C** is the 20% darker color. If you saturate the color by 10%, you get **539430**, and if you desaturate by 10%, it is **67944E**.

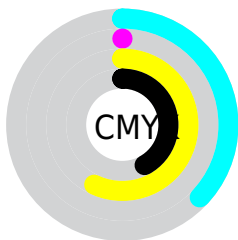
Distribution



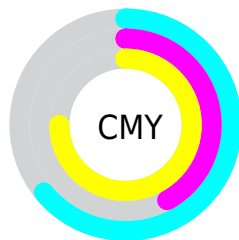
- Red (36%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (46%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D943F 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 5D943F by changing the saturation by 10% instead.

 5D943F

 5D943F

FFFFFF

 437A26

 92CA71

 28610C

 AEE78C

 0A4800

 CAFFA6

 003100

 E7FFC2

 001D00

 FFFFDE

 000000

 FFFFFB


 5D943F

 5D943F

 539430

 67944E

 4A9421

 70945D

 409413

 7A946B

 379404

 83947A

 349400

 8D9489

 969498

 A094A7

 AA94B5

 B394C4

Harmonies

Analogous

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



8E8927



5D943F



009A68

Triad

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



5D943F



0093DB



D85D77

Complementary

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



5D943F



763F94

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.



C962A4



5D943F



5185DE

Square

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



5D943F



009AC0



9F73CA



D0684D

Rectangle

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



5D943F



009C87



9F73CA



D65D86

Sweetspot

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



5D943F



AABF9F



94753F



54614E



E0E0E0



616161

Same Dimension

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



5D943F



6ABF3B



3F944A



454A43



318A00



040A00

Inverse Universe

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



763F94



913BBF



943F89



47434A



59008A



07000A

Previews

White Background



This preview shows how the Hex color 5D943F looks on a white background.

Color Contrast Check

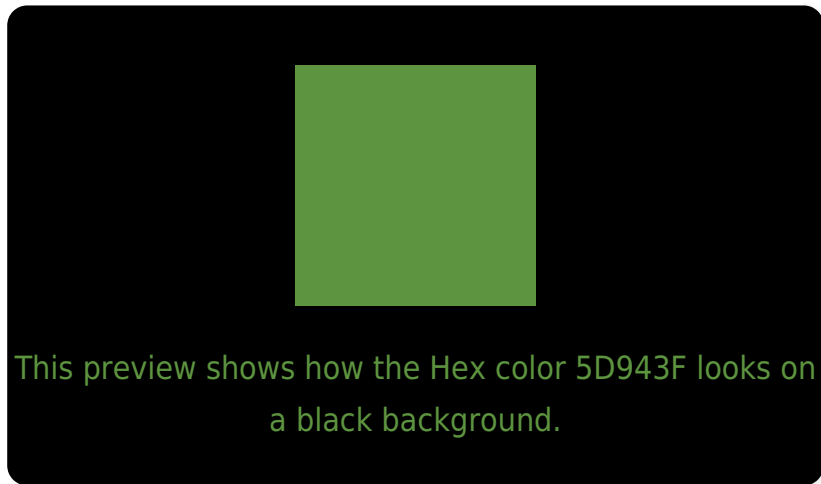
Large Text (above 18pt) WCAG AA ✓ Pass

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

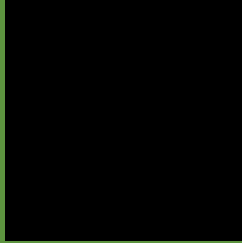
Any Text WCAG AA ✓ Pass

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 5D943F Background



This preview shows how black text looks on a background with the Hex color 5D943F.

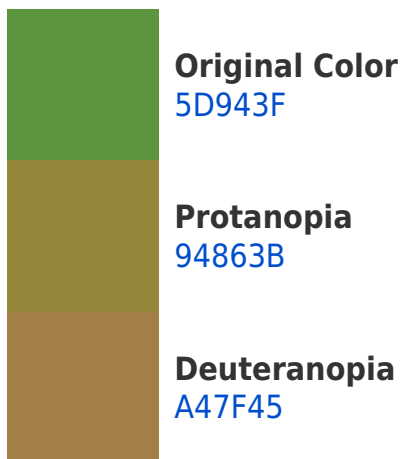


This preview shows how white text looks on a background with the Hex color 5D943F.

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
6B8B96

Trichromacy



Original Color
5D943F

Protanomaly
808B3C

Deuteranomaly
8A8743

Tritanomaly
668E76

Monochromacy



Original Color
5D943F

Achromatopsia
7A7A7A

Achromatomaly
6F8365

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D943F 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 #5D943F looks like.

```
.text, #text, p{  
    color:#5D943F  
}
```

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 #5D943F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D943F
}
```

Border

The CSS property to change the border of an element to Hex 5D943F 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
#5D943F }
```

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

```
.border{ border-color:#5D943F }
```

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

Here you see how a box with a 4 pixel #5D943F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D943F; -webkit-box-shadow:4px 4px  
4px 4px #5D943F; box-shadow:4px 4px 4px  
4px #5D943F }
```

Background

The CSS property to change the background color of an element to Hex 5D943F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D943F }
```

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

```
.background{ background-color:#5D943F }
```

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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