

Converting Colors

Hex(4F953D)

Have a look what the booklet for
Hex(4F953D) contains.

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Color

Hex(4F953D)

Conversions

Conversions Part 1

Format	Color
Hex	4F953D
RGB	79, 149, 61
RGB Percent	31%, 58%, 24%
CMY	0.6902, 0.4157, 0.7608
CMYK	0.47, 0.00, 0.59, 0.42
HSL	108°, 42%, 41%
HSV	108°, 59%, 58%
XYZ	14.8142, 23.4941, 8.1689
YIQ	118.0380, -13.4720, -42.2080

Conversions

Conversions Part 2

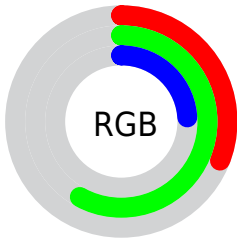
Format	Color
RYB	61, 149, 131
Decimal	5215549
CIELab	55.58, -39.44, 39.06
CIELCh	56, 55.509, 135.282
Yxy	23.4941, 0.3187, 0.5055
Android (android.graphics.Color)	4283405629 (0xFF4F953D)
YUV	118.0380, -28.1197, -34.2363
Hunter-Lab	48.4707, -30.2684, 23.9372

Details

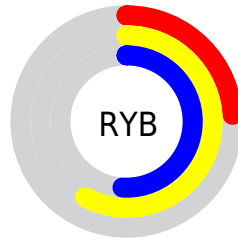
The Hex color **4F953D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **833D95**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **85CC6F**, and **146108** is the 20% darker color. If you saturate the color by 10%, you get **43952E**, and if you desaturate by 10%, it is **5B954C**.

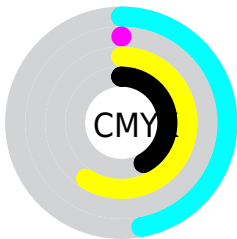
Distribution



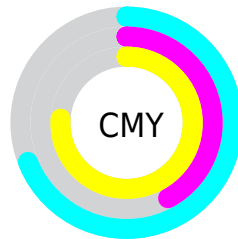
- Red (31%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (51%)



- Cyan (47%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F953D 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 4F953D by changing the saturation by 10% instead.



4F953D



4F953D

FFFFFF



347B24



85CC6F



146108



A1E88A



004900



BDFFA4



003100



DAFFC0



001C00



F7FFDC



000000



FFFFFF9



4F953D



4F953D



43952E



5B954C

■ 37951F

■ 67955B

■ 2B9510

■ 73956A

■ 209501

■ 7E9579

■ 1E9500

■ 8A9588

■ 969596

■ A295A5

■ AE95B4

■ BA95C3

Harmonies

Analogous

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



878A1C



4F953D



009B6B

Triad

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



4F953D



0091E2



DD586E

Complementary

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



4F953D



833D95

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.



D05B9F



4F953D



5782E2

Square

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



4F953D



009AC9



A76EC9



D06742

Rectangle

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



4F953D



009C8D



A76EC9



DC577F

Sweetspot

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



4F953D



A6C29F



95823D



50614C



E0E0E0



616161

Same Dimension

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



4F953D



54C238



3D9556



444A43



1C8A00



020A00

Inverse Universe

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



833D95



A638C2



953D7C



48434A



6E008A



08000A

Previews

White Background



This preview shows how the Hex color 4F953D looks on a white background.

Color Contrast Check

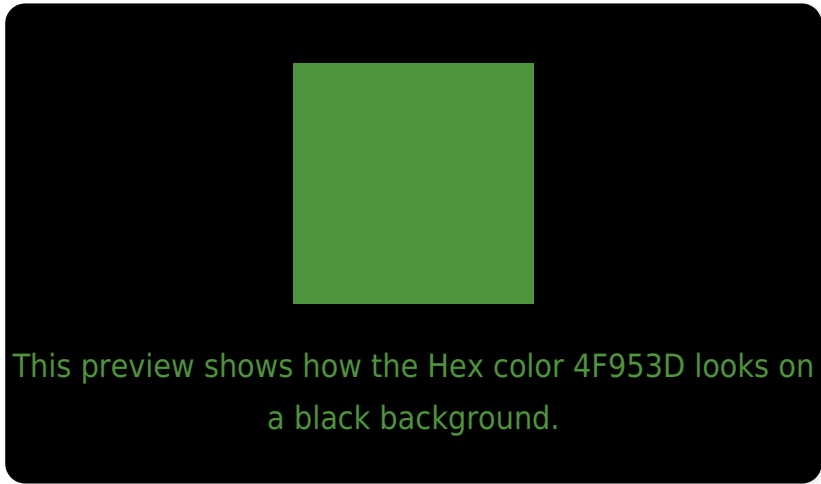
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F953D Background



This preview shows how black text looks on a background with the Hex color 4F953D.



This preview shows how white text looks on a background with the Hex color 4F953D.

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
4F953D

Protanopia
938538

Deuteranopia
A37E43



Tritanopia
608C97

Trichromacy



Original Color
4F953D

Protanomaly
7A8B3A

Deuteranomaly
848641

Tritanomaly
5A8F76

Monochromacy



Original Color
4F953D

Achromatopsia
767676

Achromatomaly
688161

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F953D 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 #4F953D looks like.

```
.text, #text, p{  
    color:#4F953D  
}
```

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 #4F953D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F953D  
}
```

Border

The CSS property to change the border of an element to Hex 4F953D 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  
#4F953D }
```

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

```
.border{ border-color:#4F953D }
```

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

Here you see how a box with a 4 pixel #4F953D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F953D; -webkit-box-shadow:4px 4px  
4px 4px #4F953D; box-shadow:4px 4px 4px  
4px #4F953D }
```

Background

The CSS property to change the background color of an element to Hex 4F953D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F953D }
```

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

```
.background{ background-color:#4F953D }
```

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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