

Converting Colors

Hex(5F7953)

Have a look what the booklet for
Hex(5F7953) contains.

Hex(5F7953)	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(5F7953)

Conversions

Conversions Part 1

Format	Color
Hex	5F7953
RGB	95, 121, 83
RGB Percent	37%, 47%, 33%
CMY	0.6275, 0.5255, 0.6745
CMYK	0.21, 0.00, 0.31, 0.53
HSL	101°, 19%, 40%
HSV	101°, 31%, 47%
XYZ	13.1180, 16.7322, 10.7219
YIQ	108.8940, -3.2980, -17.3300

Conversions

Conversions Part 2

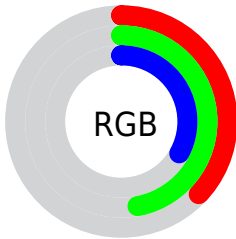
Format	Color
RYB	83, 121, 109
Decimal	6256979
CIELab	47.92, -17.13, 17.85
CIELCh	48, 24.740, 133.815
Yxy	16.7322, 0.3233, 0.4124
Android (android.graphics.Color)	4284447059 (0xFF5F7953)
YUV	108.8940, -12.7657, -12.1850
Hunter-Lab	40.9050, -14.3397, 13.0926

Details

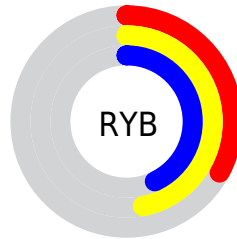
The Hex color **5F7953** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6D5379**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **92AD85**, and **304826** is the 20% darker color. If you saturate the color by 10%, you get **577947**, and if you desaturate by 10%, it is **67795F**.

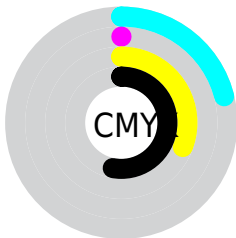
Distribution



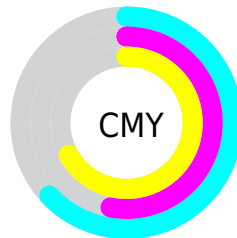
- Red (37%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (43%)



- Cyan (21%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7953 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 5F7953 by changing the saturation by 10% instead.

■ 5F7953

■ 5F7953

FFFFFF

■ 47603C

■ 92AD85

■ 304826

■ ADC99F

■ 193211

■ C8E5BA

■ 001D00

■ E5FFD6

■ 000000

■ FFFFF2

■ 5F7953

■ 5F7953

■ 577947

■ 67795F

■ 4E793B

■ 70796B

■ 46792F

■ 787977

■ 3E7923

■ 807983

■ 367916

■ 887990

■ 2D790A

■ 91799C

■ 267900

■ 9979A8

■ A179B4

■ AA79C0

Harmonies

Analogous

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



767449



5F7953



467C65

Triad

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



5F7953



447799



9B6269

Complementary

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



5F7953



6D5379

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.



94637E



5F7953



64709A

Square

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



5F7953



2B7B8E



816990



976656

Rectangle

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



5F7953



367D74



816990



9A6270

Sweetspot

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



5F7953



949E90



796D53



494F46



CFCFCF



4F4F4F

Same Dimension

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



5F7953



759E62



53795A



393D37



277D00



50FC00

Inverse Universe

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



6D5379



8B629E



795372



3B373D



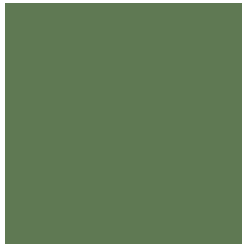
55007D



AD00FC

Previews

White Background



This preview shows how the Hex color 5F7953 looks on a white background.

Color Contrast Check

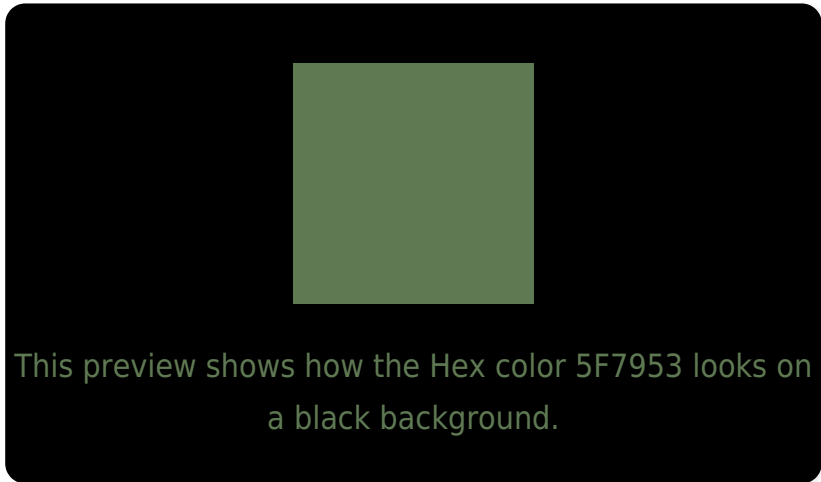
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

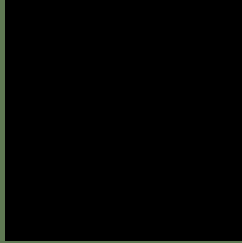
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5F7953 Background



This preview shows how black text looks on a background with the Hex color 5F7953.



This preview shows how white text looks on a background with the Hex color 5F7953.

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
5F7953

Protanopia
7A7150

Deuteranopia
866D56



Tritanopia
66747D

Trichromacy



Original Color
5F7953

Protanomaly
707451

Deuteranomaly
787155

Tritanomaly
63766E

Monochromacy



Original Color
5F7953

Achromatopsia
6D6D6D

Achromatomaly
687164

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7953 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 #5F7953 looks like.

```
.text, #text, p{  
    color:#5F7953  
}
```

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 #5F7953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7953
}
```

Border

The CSS property to change the border of an element to Hex 5F7953 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
#5F7953 }
```

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

```
.border{ border-color:#5F7953 }
```

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

Here you see how a box with a 4 pixel #5F7953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7953; -webkit-box-shadow:4px 4px  
4px 4px #5F7953; box-shadow:4px 4px 4px  
4px #5F7953 }
```

Background

The CSS property to change the background color of an element to Hex 5F7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7953 }
```

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

```
.background{ background-color:#5F7953 }
```

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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