

# Converting Colors

Hex(5F993D)

Have a look what the booklet for  
Hex(5F993D) contains.

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# Color

**Hex(5F993D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F993D
RGB	95, 153, 61
RGB Percent	37%, 60%, 24%
CMY	0.6275, 0.4000, 0.7608
CMYK	0.38, 0.00, 0.60, 0.40
HSL	98°, 43%, 42%
HSV	98°, 60%, 60%
XYZ	16.9529, 25.5523, 8.4535
YIQ	125.1700, -5.0360, -40.9080

# Conversions

## Conversions Part 2

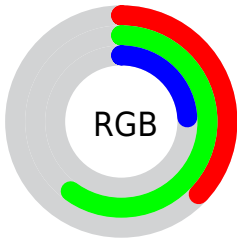
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 153, 119
Decimal	6265149
CIELab	57.61, -35.83, 41.59
CIELCh	58, 54.898, 130.744
Yxy	25.5523, 0.3327, 0.5014
Android (android.graphics.Color)	4284455229 (0xFF5F993D)
YUV	125.1700, -31.6358, -26.4591
Hunter-Lab	50.5493, -28.5972, 25.4693

# Details

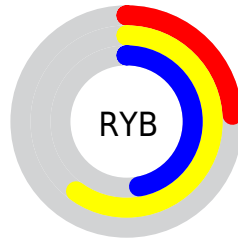
The Hex color **5F993D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **773D99**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **95D070**, and **2A6506** is the 20% darker color. If you saturate the color by 10%, you get **55992E**, and if you desaturate by 10%, it is **69994C**.

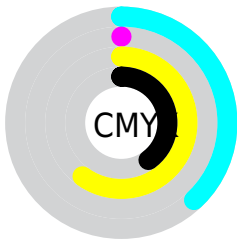
# Distribution



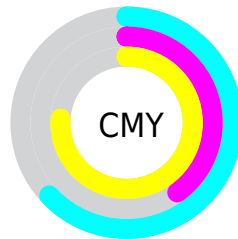
- Red (37%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (47%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (63%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F993D 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 5F993D by changing the saturation by 10% instead.





5F993D



5F993D

FFFFFF



457F24



95D070



2A6506



B1EC8A



0A4D00



CDFFA5



003500



EAFFC1



002200



FFFFDD



000000



FFFFFA



5F993D



5F993D



55992E



69994C

 4C991E

 72995C

 42990F

 7C996B

 399900


 86997A

 8F998A

 999999

 A399A8

 AC99B7

 B699C7

# Harmonies

## Analogous

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



948D22



5F993D



009F69

# Triad

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



5F993D



0098E5



E25E7B

# Complementary

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



5F993D



773D99

# 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.



D163AB



5F993D



4C8AE9

# Square

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



5F993D



00A0C8



A376D3



D96A4E

# Rectangle

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



5F993D



00A18A



A376D3



DF5E8B



# Sweetspot

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



5F993D



B0C7A3



99763D



56634E



E3E3E3



636363



# Same Dimension

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



5F993D



6DC738



3D9948



484D45



348C00



050D00



# Inverse Universe

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



773D99



9238C7



993D8E



4A454D



58008C



08000D



# Previews

## White Background



This preview shows how the Hex color 5F993D looks on a white background.

## Color Contrast Check

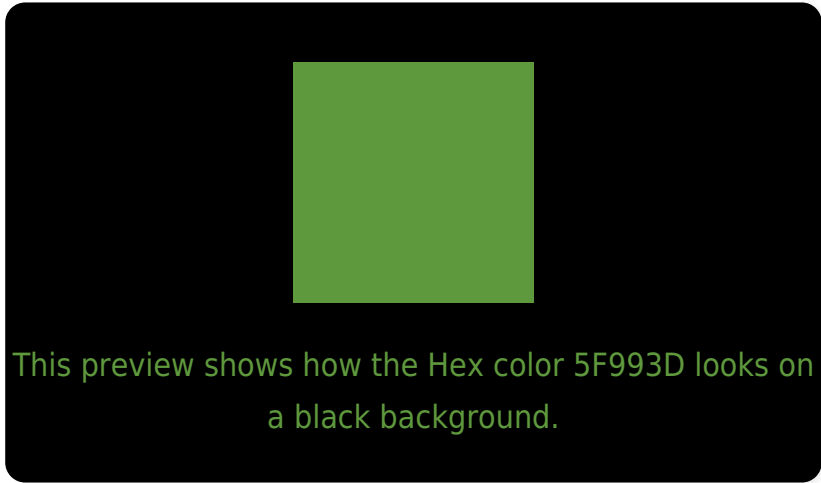
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F993D Background



This preview shows how black text looks on a background with the Hex color 5F993D.



This preview shows how white text looks on a background with the Hex color 5F993D.

# 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**  
5F993D

**Protanopia**  
998A39

**Deuteranopia**  
AA8343



**Tritanopia**  
6E8F9B

# Trichromacy



**Original Color**  
5F993D

**Protanomaly**  
848F3A

**Deuteranomaly**  
8F8B41

**Tritanomaly**  
699379

# Monochromacy



**Original Color**  
5F993D

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
728766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F993D 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 #5F993D looks like.

```
.text, #text, p{  
    color:#5F993D  
}
```

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 #5F993D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F993D
}
```

## Border

The CSS property to change the border of an element to Hex 5F993D 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
#5F993D }
```

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

```
.border{ border-color:#5F993D }
```

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

Here you see how a box with a 4 pixel #5F993D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F993D; -webkit-box-shadow:4px 4px  
4px 4px #5F993D; box-shadow:4px 4px 4px  
4px #5F993D }
```

# Background

The CSS property to change the background color of an element to Hex 5F993D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F993D }
```

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

```
.background{ background-color:#5F993D }
```

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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