

# Converting Colors

Hex(5E952D)

Have a look what the booklet for  
Hex(5E952D) contains.

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# Color

Hex(5E952D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E952D
RGB	94, 149, 45
RGB Percent	37%, 58%, 18%
CMY	0.6314, 0.4157, 0.8235
CMYK	0.37, 0.00, 0.70, 0.42
HSL	92°, 54%, 38%
HSV	92°, 70%, 58%
XYZ	15.8372, 24.0640, 6.2927
YIQ	120.6990, 0.6040, -44.0040

# Conversions

## Conversions Part 2

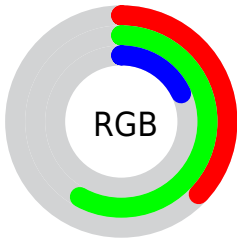
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 149, 100
Decimal	6198573
CIE <sub>Lab</sub>	56.15, -35.86, 47.07
CIE <sub>LCh</sub>	56, 59.178, 127.301
Yxy	24.0640, 0.3428, 0.5209
Android (android.graphics.Color)	4284388653 (0xFF5E952D)
YUV	120.6990, -37.3196, -23.4150
Hunter-Lab	49.0551, -28.2186, 26.7329

# Details

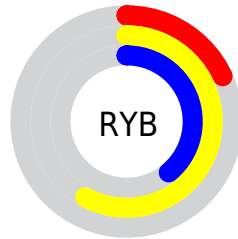
The Hex color **5E952D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **642D95**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **94CC61**, and **286200** is the 20% darker color. If you saturate the color by 10%, you get **56951E**, and if you desaturate by 10%, it is **66953C**.

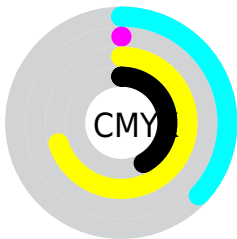
# Distribution



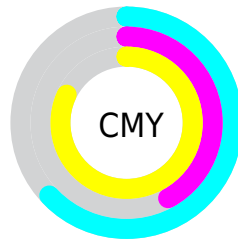
- Red (37%)
- Green (58%)
- Blue (18%)



- Red (18%)
- Yellow (58%)
- Blue (39%)



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E952D 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 5E952D by changing the saturation by 10% instead.



 5E952D

 5E952D


FFFFFF

 437B10

 94CC61

 286200

 B0E87B

 094900

 CDFF96

 003200

 EAFFB1

 001E00

 FFFFCF

 000000

 FFFFEA

 5E952D

 5E952D

 56951E

 66953C

 4E950F

 6E954B

 469500

 76955A

 7E9569

 859578

 8D9586

 959595

 9D95A4

 A595B3

# Harmonies

## Analogous

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



95880C



5E952D



009C5D

# Triad

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



5E952D



0097E5



E3547C

# Complementary

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



5E952D



642D95

# 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.



CE5DAF



5E952D



1988ED

# Square

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



5E952D



009DC4



9873D9



DC604B

# Rectangle

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



5E952D



009E80



9873D9



DF548D



# Sweetspot

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



5E952D



ACC299



95632D



546149



E0E0E0



616161



# Same Dimension

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



5E952D



6CC21F



2D952F



464A43



418A00



050A00



# Inverse Universe

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



642D95



751FC2



952D93



46434A



49008A



05000A



# Previews

## White Background



This preview shows how the Hex color 5E952D looks on a white background.

## Color Contrast Check

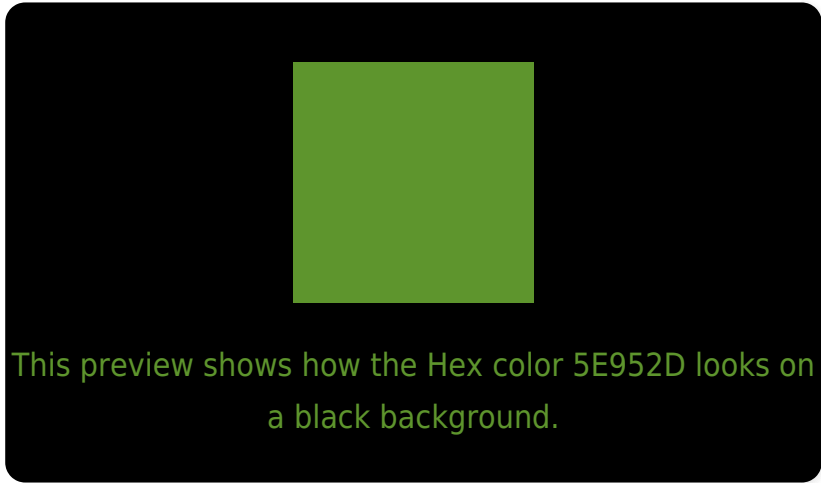
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E952D Background



This preview shows how black text looks on a background with the Hex color 5E952D.



This preview shows how white text looks on a background with the Hex color 5E952D.

# 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**  
5E952D

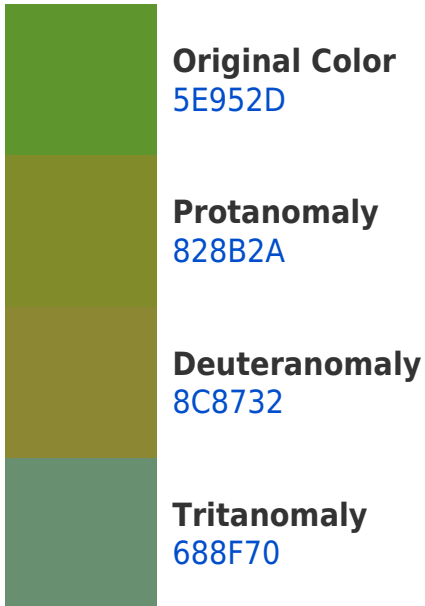
**Protanopia**  
968629

**Deuteranopia**  
A77F35

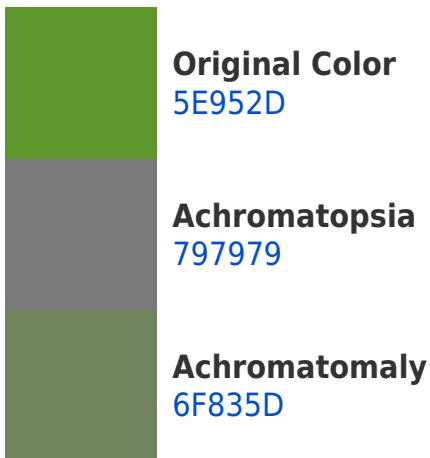


**Tritanopia**  
6D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E952D 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 #5E952D looks like.

```
.text, #text, p{  
    color:#5E952D  
}
```

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 #5E952D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E952D
}
```

## Border

The CSS property to change the border of an element to Hex 5E952D 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
#5E952D }
```

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

```
.border{ border-color:#5E952D }
```

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

Here you see how a box with a 4 pixel #5E952D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E952D; -webkit-box-shadow:4px 4px  
4px 4px #5E952D; box-shadow:4px 4px 4px  
4px #5E952D }
```

# Background

The CSS property to change the background color of an element to Hex 5E952D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E952D }
```

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

```
.background{ background-color:#5E952D }
```

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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