

Converting Colors

Hex(5D9D40)

Have a look what the booklet for
Hex(5D9D40) contains.

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Color

Hex(5D9D40)

Conversions

Conversions Part 1

Format	Color
Hex	5D9D40
RGB	93, 157, 64
RGB Percent	36%, 62%, 25%
CMY	0.6353, 0.3843, 0.7490
CMYK	0.41, 0.00, 0.59, 0.38
HSL	101°, 42%, 43%
HSV	101°, 59%, 62%
XYZ	17.4966, 26.8113, 9.1034
YIQ	127.2620, -8.2910, -42.4910

Conversions

Conversions Part 2

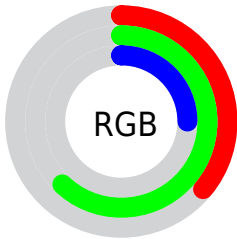
Format	Color
RYB	64, 157, 128
Decimal	6135104
CIELab	58.80, -37.98, 41.51
CIELCh	59, 56.264, 132.457
Yxy	26.8113, 0.3276, 0.5020
Android (android.graphics.Color)	4284325184 (0xFF5D9D40)
YUV	127.2620, -31.1882, -30.0478
Hunter-Lab	51.7796, -30.2982, 25.8219

Details

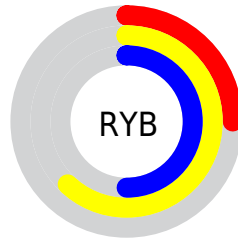
The Hex color **5D9D40** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80409D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **93D473**, and **26690A** is the 20% darker color. If you saturate the color by 10%, you get **529D30**, and if you desaturate by 10%, it is **689D50**.

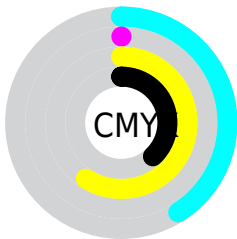
Distribution



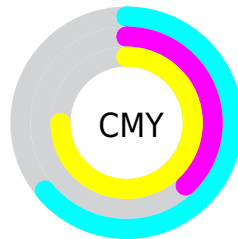
- Red (36%)
- Green (62%)
- Blue (25%)



- Red (25%)
- Yellow (62%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (59%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9D40 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 5D9D40 by changing the saturation by 10% instead.



5D9D40



5D9D40

FFFFFF



428327



93D473



26690A



AFF18D



025000



CBFFA8



003900



E8FFC4



002500



FFFFE0



000000

FFFFFFD



5D9D40



5D9D40



529D30



689D50

 479D21

 739D5F

 3D9D11

 7D9D6F

 329D01

 889D7F

 319D00

 939D8F

 9E9D9E

 A99DAE

 B39DBE

 BE9DCD

Harmonies

Analogous

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



949122



5D9D40



00A36E

Triad

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



5D9D40



009BEB



E8607B

Complementary

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



5D9D40



80409D

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.



D864AC



5D9D40



548CEE

Square

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



5D9D40



00A3CF



AB77D7



DD6D4D

Rectangle

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



5D9D40



00A590



AB77D7



E65F8B

Sweetspot

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



5D9D40



B3CCA7



9D8040



576650



E6E6E6



666666

Same Dimension

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



5D9D40



68CC3B



409D51



4A4F47



2D8F00



050F00

Inverse Universe

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



80409D



9F3BCC



9D408C



4D474F



62008F



0B000F

Previews

White Background



This preview shows how the Hex color 5D9D40 looks on a white background.

Color Contrast Check

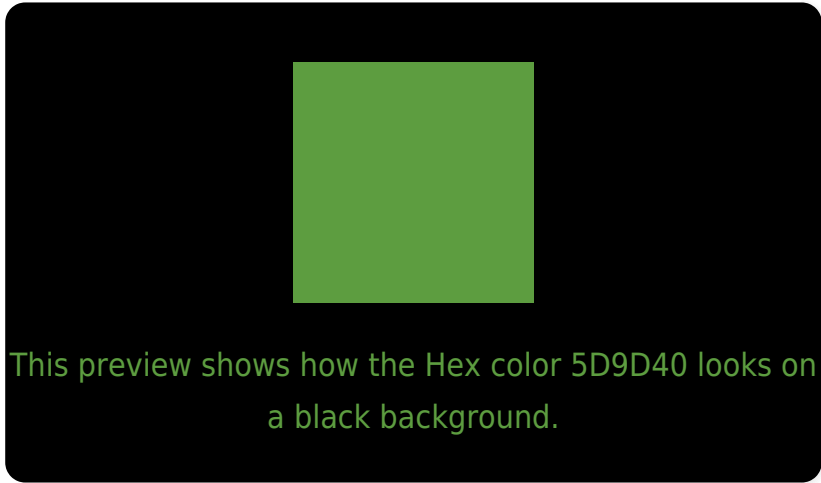
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D9D40 Background



This preview shows how black text looks on a background with the Hex color 5D9D40.



This preview shows how white text looks on a background with the Hex color 5D9D40.

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
5D9D40

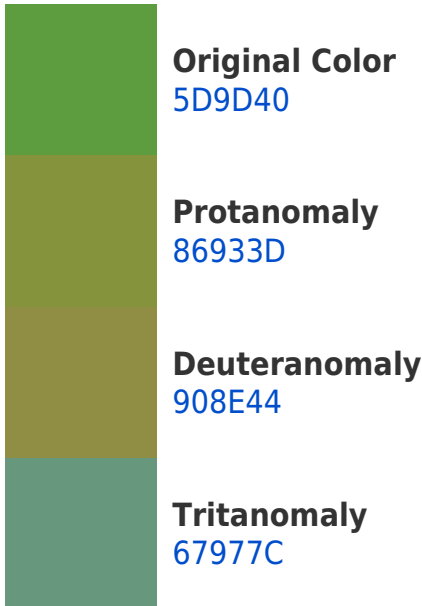
Protanopia
9D8D3B

Deuteranopia
AD8647

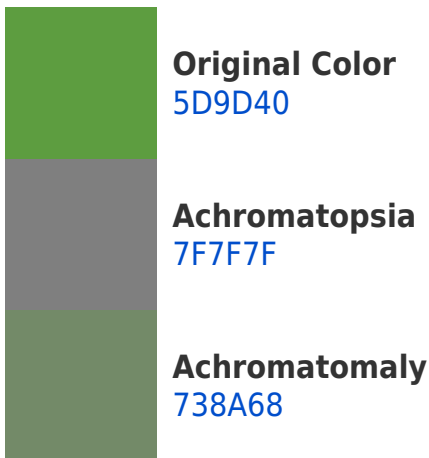


Tritanopia
6D939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9D40 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 #5D9D40 looks like.

```
.text, #text, p{  
    color:#5D9D40  
}
```

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 #5D9D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9D40
}
```

Border

The CSS property to change the border of an element to Hex 5D9D40 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
#5D9D40 }
```

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

```
.border{ border-color:#5D9D40 }
```

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

Here you see how a box with a 4 pixel #5D9D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9D40; -webkit-box-shadow:4px 4px  
4px 4px #5D9D40; box-shadow:4px 4px 4px  
4px #5D9D40 }
```

Background

The CSS property to change the background color of an element to Hex 5D9D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9D40 }
```

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

```
.background{ background-color:#5D9D40 }
```

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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