

Converting Colors

Hex(4D955C)

Have a look what the booklet for
Hex(4D955C) contains.

Hex(4D955C)	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(4D955C)

Conversions

Conversions Part 1

Format	Color
Hex	4D955C
RGB	77, 149, 92
RGB Percent	30%, 58%, 36%
CMY	0.6980, 0.4157, 0.6392
CMYK	0.48, 0.00, 0.38, 0.42
HSL	132°, 32%, 44%
HSV	132°, 48%, 58%
XYZ	15.7398, 23.8454, 13.8983
YIQ	120.9740, -24.6150, -32.9910

Conversions

Conversions Part 2

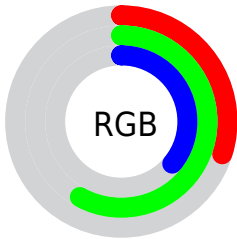
Format	Color
RYB	77, 137, 149
Decimal	5084508
CIELab	55.93, -35.48, 23.32
CIElCh	56, 42.460, 146.684
Yxy	23.8454, 0.2943, 0.4458
Android (android.graphics.Color)	4283274588 (0xFF4D955C)
YUV	120.9740, -14.2842, -38.5652
Hunter-Lab	48.8317, -27.9202, 17.3074

Details

The Hex color **4D955C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **954D86**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **82CC8F**, and **14612D** is the 20% darker color. If you saturate the color by 10%, you get **3E9550**, and if you desaturate by 10%, it is **5C9568**.

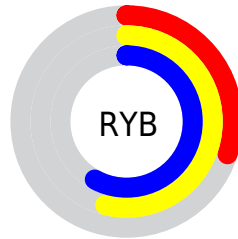
Distribution



Red (30%)

Green (58%)

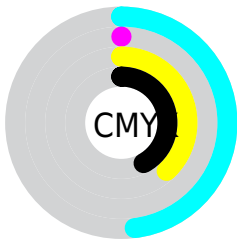
Blue (36%)



Red (30%)

Yellow (54%)

Blue (58%)

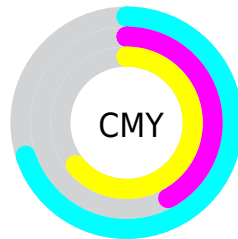


Cyan (48%)

Magenta (0%)

Yellow (38%)

Black (42%)



Cyan (70%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D955C 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 4D955C by changing the saturation by 10% instead.



4D955C



4D955C

FFFFFF



327B44



82CC8F



14612D



9EE8A9



004917



B9FFC5



003200



D6FFE1



001D00



F3FFFE



000000



4D955C



4D955C



3E9550



5C9568



2F9544



6B9574

■ 209539

■ 7A957F

■ 11952D

■ 89958B

■ 029521

■ 989597

■ 00951F

■ A695A3

■ B595AF

■ C495BA

■ D395C6

Harmonies

Analogous

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



7B8E41



4D955C



009881

Triad

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



4D955C



378BCF



CA6A67

Complementary

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



4D955C



954D86

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.



C8678C



4D955C



827EC8

Square

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



4D955C



0094C3



B070AF



BB7549

Rectangle

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



4D955C



00999A



B070AF



CC6873

Sweetspot

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



4D955C



A7C2AC



87954D



506154



E0E0E0



616161

Same Dimension

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



4D955C



51C269



4D957F



434A44



008A1D



000A02

Inverse Universe

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



954D86



C251AA



954D63



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 4D955C looks on a white background.

Color Contrast Check

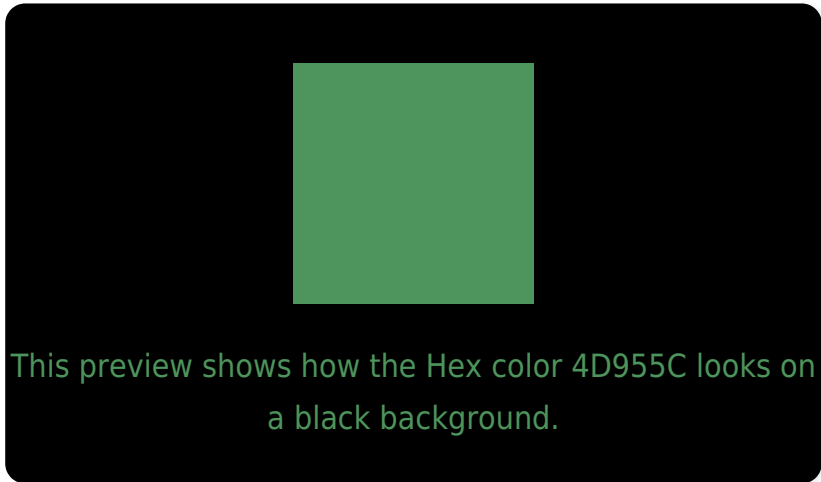
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D955C Background



This preview shows how black text looks on a background with the Hex color 4D955C.

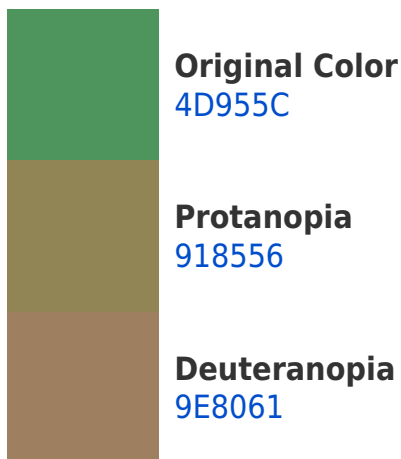


This preview shows how white text looks on a background with the Hex color 4D955C.

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](#).

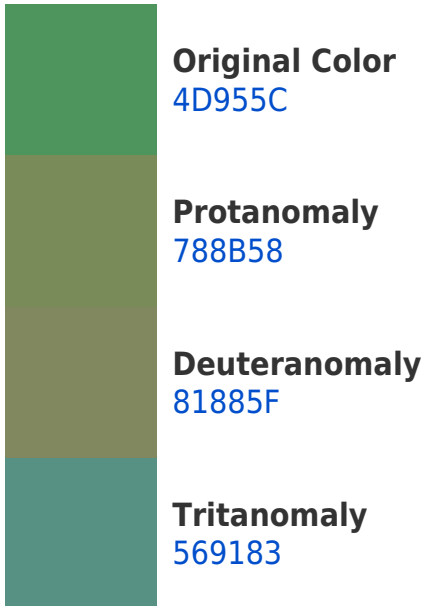
Dichromacy





Tritanopia
5B8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D955C 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 #4D955C looks like.

```
.text, #text, p{  
    color:#4D955C  
}
```

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 #4D955C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D955C
}
```

Border

The CSS property to change the border of an element to Hex 4D955C 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
#4D955C }
```

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

```
.border{ border-color:#4D955C }
```

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

Here you see how a box with a 4 pixel #4D955C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D955C; -webkit-box-shadow:4px 4px  
4px 4px #4D955C; box-shadow:4px 4px 4px  
4px #4D955C }
```

Background

The CSS property to change the background color of an element to Hex 4D955C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D955C }
```

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

```
.background{ background-color:#4D955C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor