

# Converting Colors

Hex(489F41)

Have a look what the booklet for  
Hex(489F41) contains.

<b>Hex(489F41)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(489F41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	489F41
RGB	72, 159, 65
RGB Percent	28%, 62%, 25%
CMY	0.7176, 0.3765, 0.7451
CMYK	0.55, 0.00, 0.59, 0.38
HSL	116°, 42%, 44%
HSV	116°, 59%, 62%
XYZ	16.0248, 26.5556, 9.2822
YIQ	122.2710, -21.6780, -47.6780

# Conversions

## Conversions Part 2

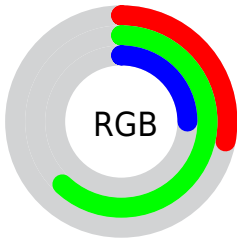
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 159, 152
Decimal	4759361
CIELab	58.56, -45.16, 40.53
CIElCh	59, 60.683, 138.094
Yxy	26.5556, 0.3090, 0.5120
Android (android.graphics.Color)	4282949441 (0xFF489F41)
YUV	122.2710, -28.2346, -44.0877
Hunter-Lab	51.5322, -34.6738, 25.3930

# Details

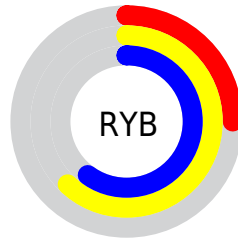
The Hex color **489F41** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **98419F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **80D674**, and **006A0C** is the 20% darker color. If you saturate the color by 10%, you get **399F31**, and if you desaturate by 10%, it is **579F51**.

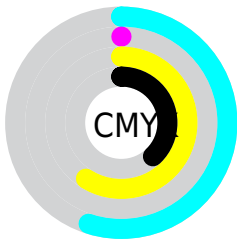
# Distribution



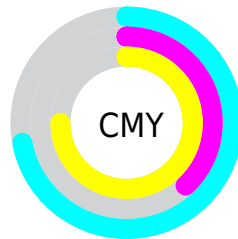
- Red (28%)
- Green (62%)
- Blue (25%)



- Red (25%)
- Yellow (62%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (59%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489F41 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 489F41 by changing the saturation by 10% instead.





489F41



489F41

FFFFFF



2A8428



80D674



006A0C



9CF38E



005100



B8FFA9



003900



D5FFC5



002400



F3FFE1



000000

FFFFFFE



489F41



489F41



399F31



579F51

 2B9F21

 659F61

 1C9F11

 749F71

 0D9F01

 839F81

 0C9F00

 929F91

 A09FA0

 AF9FB0

 BE9FC0

 CC9FD0

# Harmonies

## Analogous

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



899417



489F41



00A575

# Triad

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



489F41



0099F5



ED5B6F

# Complementary

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



489F41



98419F

# 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.



E25CA4



489F41



6388F2

# Square

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



489F41



00A3DB



B870D5



DD6D3F

# Rectangle

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



489F41



00A69A



B870D5



EC5981



# Sweetspot

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



489F41



ACCFA9



9F9741



536952



E8E8E8



696969



# Same Dimension

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



489F41



47CF3C



419F68



484F47



0B8F00



010F00



# Inverse Universe

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



98419F



C43CCF



9F4178



4E474F



84008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 489F41 looks on a white background.

## Color Contrast Check

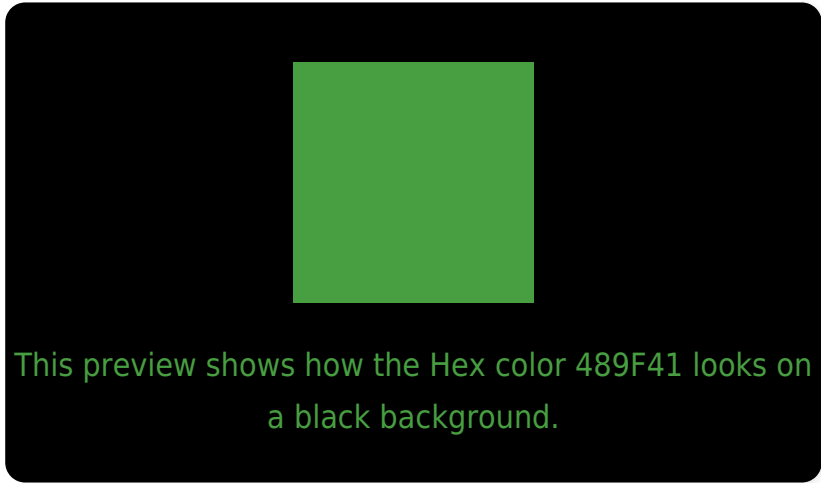
Large Text (above 18pt) WCAG AA ✓ Pass

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 489F41 Background



This preview shows how black text looks on a background with the Hex color 489F41.

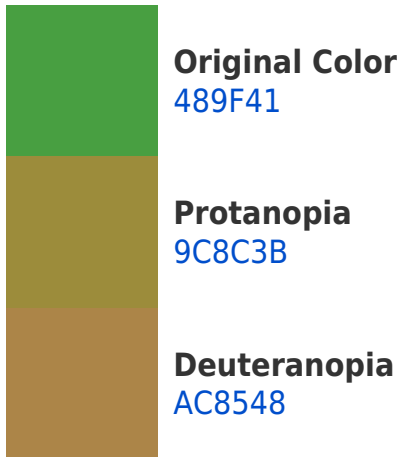


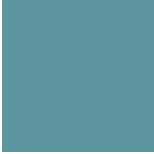
This preview shows how white text looks on a background with the Hex color 489F41.

# 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**  
5D95A1

# Trichromacy



**Original Color**  
489F41



**Protanomaly**  
7D933D



**Deuteranomaly**  
888E45



**Tritanomaly**  
55997E

# Monochromacy



**Original Color**  
489F41



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
688765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489F41 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 #489F41 looks like.

```
.text, #text, p{  
    color:#489F41  
}
```

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 #489F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489F41
}
```

## Border

The CSS property to change the border of an element to Hex 489F41 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
#489F41 }
```

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

```
.border{ border-color:#489F41 }
```

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

Here you see how a box with a 4 pixel #489F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489F41; -webkit-box-shadow:4px 4px  
4px 4px #489F41; box-shadow:4px 4px 4px  
4px #489F41 }
```

# Background

The CSS property to change the background color of an element to Hex 489F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489F41 }
```

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

```
.background{ background-color:#489F41 }
```

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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