

# Converting Colors

Hex(419041)

Have a look what the booklet for  
Hex(419041) contains.

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# Color

**Hex(419041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	419041
RGB	65, 144, 65
RGB Percent	25%, 56%, 25%
CMY	0.7451, 0.4353, 0.7451
CMYK	0.55, 0.00, 0.55, 0.44
HSL	120°, 38%, 41%
HSV	120°, 55%, 56%
XYZ	13.1074, 21.4520, 8.4508
YIQ	111.3730, -21.7250, -41.3170

# Conversions

## Conversions Part 2

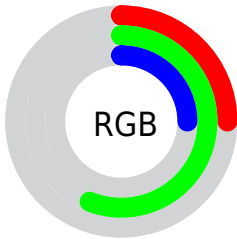
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 144, 144
Decimal	4296769
CIELab	53.44, -40.99, 34.41
CIELCh	53, 53.521, 139.985
Yxy	21.4520, 0.3048, 0.4988
Android (android.graphics.Color)	4282486849 (0xFF419041)
YUV	111.3730, -22.8619, -40.6691
Hunter-Lab	46.3163, -30.5386, 21.6034

# Details

The Hex color **419041** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **904190**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **78C773**, and **005D10** is the 20% darker color. If you saturate the color by 10%, you get **339033**, and if you desaturate by 10%, it is **4F904F**.

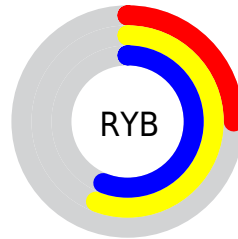
# Distribution



Red (25%)

Green (56%)

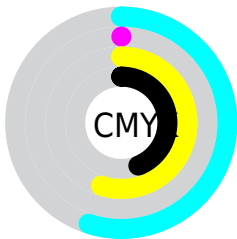
Blue (25%)



Red (25%)

Yellow (56%)

Blue (56%)

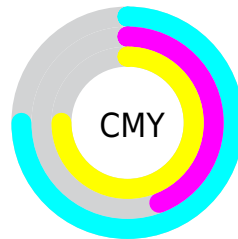


Cyan (55%)

Magenta (0%)

Yellow (55%)

Black (44%)



Cyan (75%)

Magenta (44%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 419041 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 419041 by changing the saturation by 10% instead.





419041



419041

FFFFFF



247629



78C773



005D10



93E38D



004400



AFFFA8



002D00



CCFFC3



001400



E9FFE0



000000

FFFFFFC



419041



419041



339033



4F904F

 249024

 5E905E

 169016

 6C906C

 079007

 7B907B

 009000

 899089

 979097

 A690A6

 B490B4

 C390C3

# Harmonies

## Analogous

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



7A871F



419041



00956E

# Triad

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



419041



0089DA



D35663

# Complementary

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



419041



904190

# 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.



CB5691



419041



647AD7

# Square

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



419041



0092C5



A866BB



C4653A

# Rectangle

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



419041



00968E



A866BB



D35472



# Sweetspot

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



419041



9CBA9C



909041



4C5E4C



DEDEDE



5E5E5E



# Same Dimension

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



419041



3FBA3F



419069



404740



008700



000800



# Inverse Universe

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



904190



BA3FBA



904169



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 419041 looks on a white background.

## Color Contrast Check

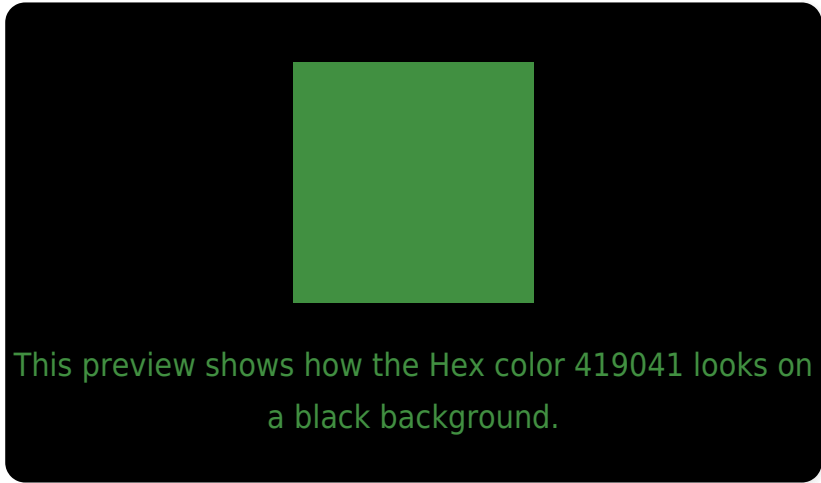
Large Text (above 18pt) WCAG AA ✓ Pass

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

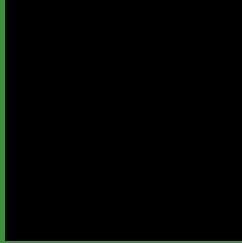
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 419041 Background



This preview shows how black text looks on a background with the Hex color 419041.



This preview shows how white text looks on a background with the Hex color 419041.

# 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**  
419041

**Protanopia**  
8D7F3C

**Deuteranopia**  
9B7947



**Tritanopia**  
538792

# Trichromacy



**Original Color**  
419041

**Protanomaly**  
71853E

**Deuteranomaly**  
7A8145

**Tritanomaly**  
4C8A75

# Monochromacy



**Original Color**  
419041

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
5E7B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 419041 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 #419041 looks like.

```
.text, #text, p{  
    color:#419041  
}
```

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 #419041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419041
}
```

## Border

The CSS property to change the border of an element to Hex 419041 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
#419041 }
```

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

```
.border{ border-color:#419041 }
```

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

Here you see how a box with a 4 pixel #419041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419041; -webkit-box-shadow:4px 4px  
4px 4px #419041; box-shadow:4px 4px 4px  
4px #419041 }
```

# Background

The CSS property to change the background color of an element to Hex 419041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419041 }
```

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

```
.background{ background-color:#419041 }
```

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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