

# Converting Colors

Hex(4EA052)

Have a look what the booklet for  
Hex(4EA052) contains.

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**Color**

**Hex(4EA052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EA052
RGB	78, 160, 82
RGB Percent	31%, 63%, 32%
CMY	0.6941, 0.3725, 0.6784
CMYK	0.51, 0.00, 0.49, 0.37
HSL	123°, 34%, 47%
HSV	123°, 51%, 63%
XYZ	17.2357, 27.3705, 12.3573
YIQ	126.5900, -23.8340, -41.6420

# Conversions

## Conversions Part 2

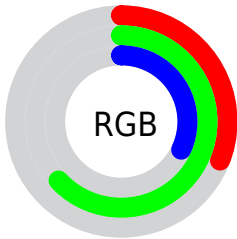
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 156, 160
Decimal	5152850
CIELab	59.32, -41.63, 33.02
CIELCh	59, 53.136, 141.575
Yxy	27.3705, 0.3026, 0.4805
Android (android.graphics.Color)	4283342930 (0xFF4EA052)
YUV	126.5900, -21.9829, -42.6134
Hunter-Lab	52.3168, -32.7480, 22.6175

# Details

The Hex color **4EA052** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A04E9C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **85D785**, and **0F6C22** is the 20% darker color. If you saturate the color by 10%, you get **3EA043**, and if you desaturate by 10%, it is **5EA061**.

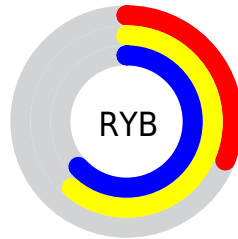
# Distribution



Red (31%)

Green (63%)

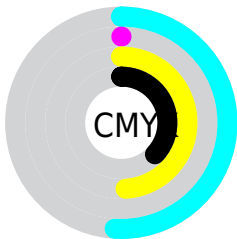
Blue (32%)



Red (31%)

Yellow (61%)

Blue (63%)

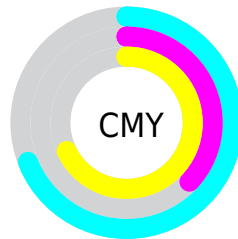


Cyan (51%)

Magenta (0%)

Yellow (49%)

Black (37%)



Cyan (69%)

Magenta (37%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EA052 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 4EA052 by changing the saturation by 10% instead.





4EA052



4EA052

FFFFFF



32853A



85D785



0F6C22



A1F49F



005308



BDFFB



003A00



DAFFD7



002600



F7FFF3



000000



4EA052



4EA052



3EA043



5EA061



2EA034



6EA070

 1EA024

 7EA080

 0EA015

 8EA08F

 00A008

 9EA09E

 AEA0AD

 BEA0BD

 CEA0CC

 DEA0DB

# Harmonies

## Analogous

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



879631



4EA052



00A580

# Triad

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



4EA052



0098EB



E4676F

# Complementary

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



4EA052



A04E9C

# 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.



DD669E



4EA052



7A88E6

# Square

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



4EA052



00A2D7



BB74C9



D47647

# Rectangle

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



4EA052



00A6A0



BB74C9



E5657E



# Sweetspot

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



4EA052



B2D1B3



9DA04E



566957



E8E8E8



696969



# Same Dimension

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



4EA052



4FD156



4EA07A



474F48



008F07



000F01



# Inverse Universe

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



A04E9C



D14FCB



A04E74



4F474F



8F0088



0F000F



# Previews

## White Background



This preview shows how the Hex color 4EA052 looks on a white background.

## Color Contrast Check

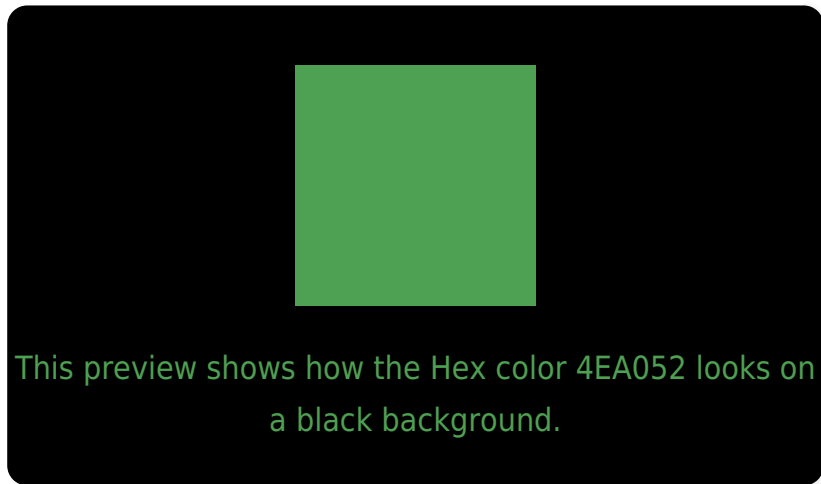
Large Text (above 18pt) WCAG AA ✓ Pass

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

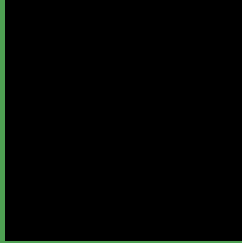
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4EA052 Background



This preview shows how black text looks on a background with the Hex color 4EA052.

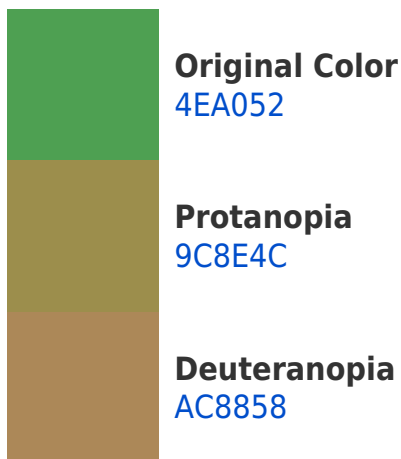


This preview shows how white text looks on a background with the Hex color 4EA052.

# 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**  
6097A3

# Trichromacy



**Original Color**  
4EA052



**Protanomaly**  
80954E



**Deuteranomaly**  
8A9156



**Tritanomaly**  
599A86

# Monochromacy



**Original Color**  
4EA052



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
6D8B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EA052 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 #4EA052 looks like.

```
.text, #text, p{  
    color:#4EA052  
}
```

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 #4EA052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA052
}
```

## Border

The CSS property to change the border of an element to Hex 4EA052 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
#4EA052 }
```

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

```
.border{ border-color:#4EA052 }
```

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

Here you see how a box with a 4 pixel #4EA052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA052; -webkit-box-shadow:4px 4px  
4px 4px #4EA052; box-shadow:4px 4px 4px  
4px #4EA052 }
```

# Background

The CSS property to change the background color of an element to Hex 4EA052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA052 }
```

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

```
.background{ background-color:#4EA052 }
```

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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