

# Converting Colors

Hex(4EA62B)

Have a look what the booklet for  
Hex(4EA62B) contains.

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# Color

Hex(4EA62B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4EA62B
RGB	78, 166, 43
RGB Percent	31%, 65%, 17%
CMY	0.6941, 0.3490, 0.8314
CMYK	0.53, 0.00, 0.74, 0.35
HSL	103°, 59%, 41%
HSV	103°, 74%, 65%
XYZ	17.2141, 29.0666, 6.9886
YIQ	125.6660, -12.9650, -56.9090

# Conversions

## Conversions Part 2

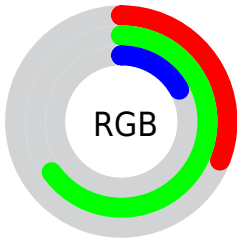
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 166, 131
Decimal	5154347
CIELab	60.84, -48.32, 52.41
CIElCh	61, 71.281, 132.675
Yxy	29.0666, 0.3232, 0.5457
Android (android.graphics.Color)	4283344427 (0xFF4EA62B)
YUV	125.6660, -40.7543, -41.8031
Hunter-Lab	53.9134, -37.3547, 30.0538

# Details

The Hex color **4EA62B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **832BA6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **87DE61**, and **017100** is the 20% darker color. If you saturate the color by 10%, you get **42A61A**, and if you desaturate by 10%, it is **5AA63C**.

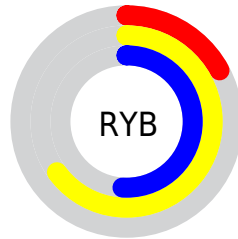
# Distribution



Red (31%)

Green (65%)

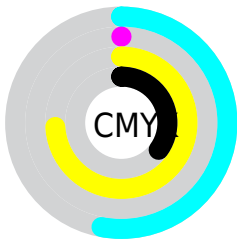
Blue (17%)



Red (17%)

Yellow (65%)

Blue (51%)

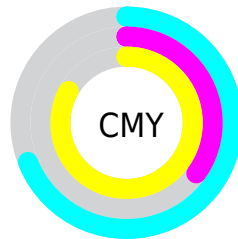


Cyan (53%)

Magenta (0%)

Yellow (74%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EA62B 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 4EA62B by changing the saturation by 10% instead.



 4EA62B

 4EA62B

FFFFFF

 2F8B08

 87DE61

 017100

 A4FB7B

 005800

 C1FF97

 003F00

 DEFFB2

 002A00

 FCFFCF

 000600

 FFFFEC

 000000

 4EA62B

 4EA62B

 42A61A

 5AA63C

 36A60A

 66A64C

 2FA600

 72A65D

 7EA66D

 89A67E

 95A68F

 A1A69F

 ADA6B0

 B9A6C0

# Harmonies

## Analogous

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



979800



4EA62B



00AD6B

# Triad

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



4EA62B



00A4FF



FF507B

# Complementary

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



4EA62B



832BA6

# 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.



F058BA



4EA62B



2991FF

# Square

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



4EA62B



00ADE7



B775F0



F4663F

# Rectangle

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



4EA62B



00AF97



B775F0



FF4F90



# Sweetspot

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



4EA62B



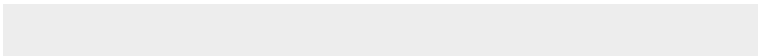
B7D9A9



A6812B



596E51



EDEDED



6E6E6E



# Same Dimension

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



4EA62B



4FD918



2BA644



4E544C



2A9400



061400



# Inverse Universe

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



832BA6



A218D9



A62B8D



524C54



6A0094



0F0014



# Previews

## White Background



This preview shows how the Hex color 4EA62B looks on a white background.

## Color Contrast Check

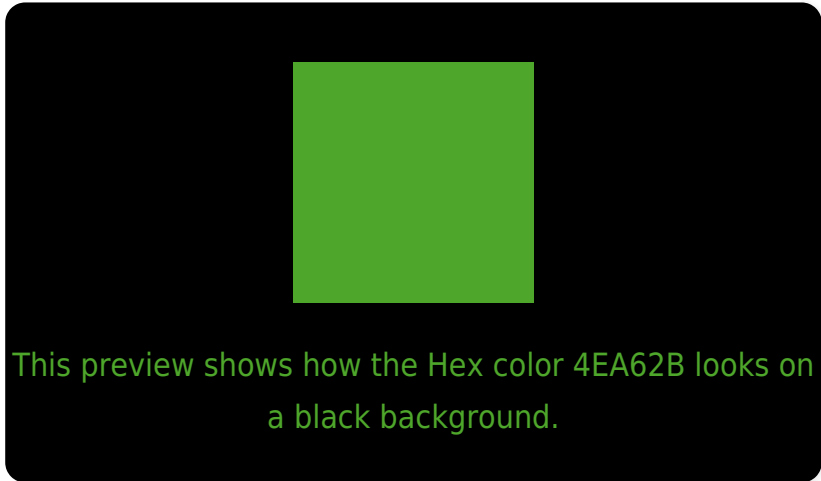
Large Text (above 18pt) WCAG AA ✓ Pass

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 4EA62B Background



This preview shows how black text looks on a background with the Hex color 4EA62B.



This preview shows how white text looks on a background with the Hex color 4EA62B.

# 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**  
4EA62B

**Protanopia**  
A49226

**Deuteranopia**  
B68B36



**Tritanopia**  
659BA7

# Trichromacy



**Original Color**  
4EA62B



**Protanomaly**  
859928



**Deuteranomaly**  
909532



**Tritanomaly**  
5D9F7A

# Monochromacy



**Original Color**  
4EA62B



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
6D8D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EA62B 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 #4EA62B looks like.

```
.text, #text, p{  
    color:#4EA62B  
}
```

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 #4EA62B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA62B
}
```

## Border

The CSS property to change the border of an element to Hex 4EA62B 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
#4EA62B }
```

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

```
.border{ border-color:#4EA62B }
```

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

Here you see how a box with a 4 pixel #4EA62B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA62B; -webkit-box-shadow:4px 4px  
4px 4px #4EA62B; box-shadow:4px 4px 4px  
4px #4EA62B }
```

# Background

The CSS property to change the background color of an element to Hex 4EA62B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA62B }
```

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

```
.background{ background-color:#4EA62B }
```

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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