

# Converting Colors

Hex(4BA428)

Have a look what the booklet for  
Hex(4BA428) contains.

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**Color**

**Hex(4BA428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA428
RGB	75, 164, 40
RGB Percent	29%, 64%, 16%
CMY	0.7059, 0.3569, 0.8431
CMYK	0.54, 0.00, 0.76, 0.36
HSL	103°, 61%, 40%
HSV	103°, 76%, 64%
XYZ	16.5601, 28.2000, 6.5778
YIQ	123.2530, -13.2400, -57.4320

# Conversions

## Conversions Part 2

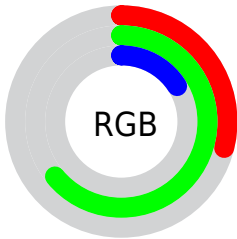
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 164, 129
Decimal	4957224
CIE Lab	60.07, -48.62, 52.68
CIE LCh	60, 71.687, 132.707
Yxy	28.2000, 0.3226, 0.5493
Android (android.graphics.Color)	4283147304 (0xFF4BA428)
YUV	123.2530, -41.0437, -42.3179
Hunter-Lab	53.1036, -37.2670, 29.8285

# Details

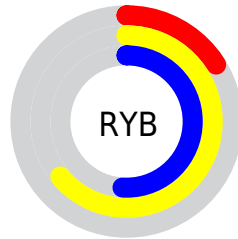
The Hex color **4BA428** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8128A4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **84DC5E**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **3FA418**, and if you desaturate by 10%, it is **57A438**.

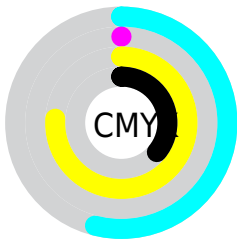
# Distribution



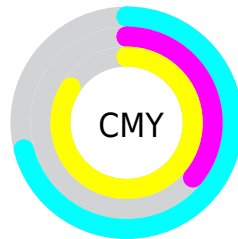
- Red (29%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (51%)



- Cyan (54%)
- Magenta (0%)
- Yellow (76%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA428 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 4BA428 by changing the saturation by 10% instead.



 4BA428

 4BA428

FFFFFF

 2C8903

 84DC5E

 006F00

 A1F979

 005600

 BEFF94

 003D00

 DBFFB0

 002800

 F9FFCC

 000000

 FFFFE9

 4BA428

 4BA428

 3FA418

 57A438

■ 33A407

■ 63A449

■ 2EA400

■ 6EA459

■ 7AA46A

■ 86A47A

■ 92A48A

■ 9DA49B

■ A9A4AB

■ B5A4BC

# Harmonies

## Analogous

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



959600



4BA428



00AB69

# Triad

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



4BA428



00A2FF



FF4D79

# Complementary

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



4BA428



8128A4

# 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.



EF55B8



4BA428



208FFF

# Square

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



4BA428



00ABE5



B573EE



F2633D

# Rectangle

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



4BA428



00AD95



B573EE



FF4B8E



# Sweetspot

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



4BA428



B3D6A5



A48128



566B4D



EBEBEB



6B6B6B



# Same Dimension

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



4BA428



4AD613



28A443



4C5249



299100



051200



# Inverse Universe

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



8128A4



9F13D6



A42889



4F4952



680091



0D0012



# Previews

## White Background



This preview shows how the Hex color 4BA428 looks on a white background.

## Color Contrast Check

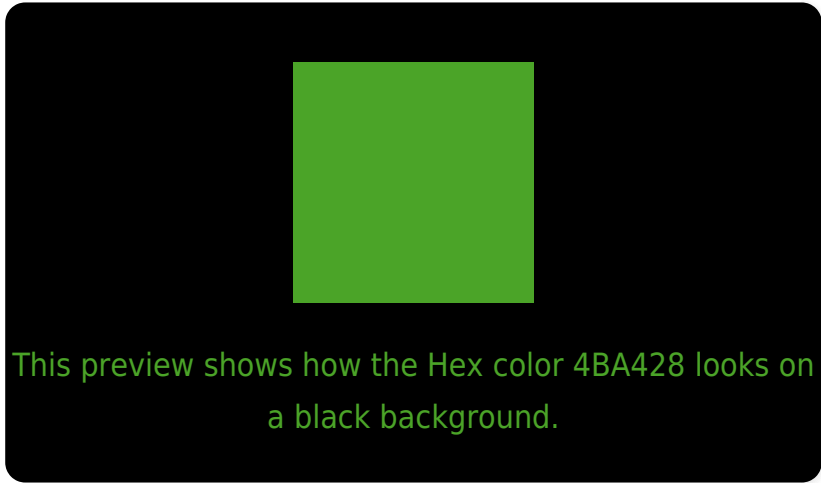
Large Text (above 18pt) WCAG AA ✓ Pass

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 4BA428 Background



This preview shows how black text looks on a background with the Hex color 4BA428.

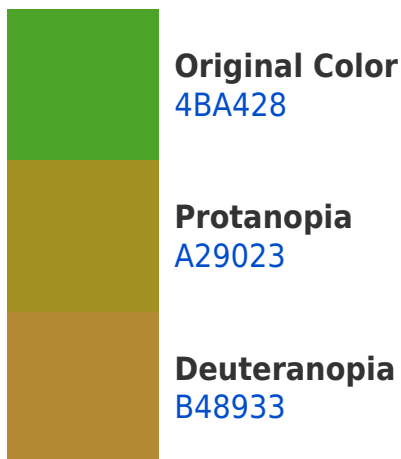


This preview shows how white text looks on a background with the Hex color 4BA428.

# 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](#).

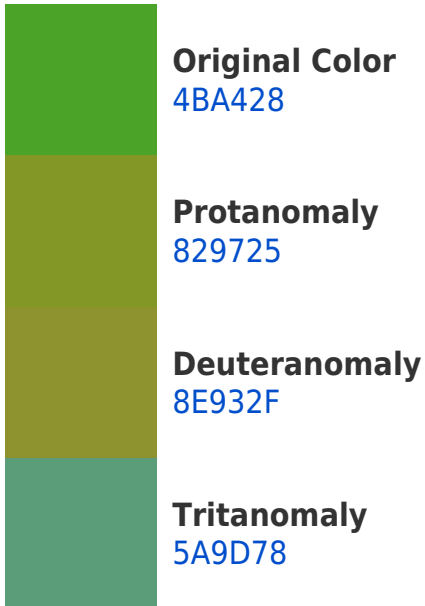
## Dichromacy



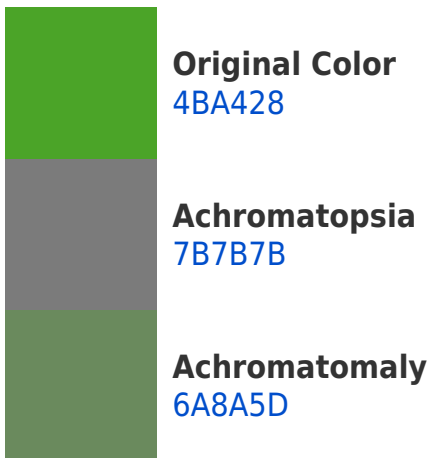


**Tritanopia**  
6299A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA428 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 #4BA428 looks like.

```
.text, #text, p{  
    color:#4BA428  
}
```

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 #4BA428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA428
}
```

## Border

The CSS property to change the border of an element to Hex 4BA428 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
#4BA428 }
```

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

```
.border{ border-color:#4BA428 }
```

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

Here you see how a box with a 4 pixel #4BA428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA428; -webkit-box-shadow:4px 4px  
4px 4px #4BA428; box-shadow:4px 4px 4px  
4px #4BA428 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA428 }
```

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

```
.background{ background-color:#4BA428 }
```

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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