

# Converting Colors

Hex(4FA025)

Have a look what the booklet for  
Hex(4FA025) contains.

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# Color

Hex(4FA025)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4FA025
RGB	79, 160, 37
RGB Percent	31%, 63%, 15%
CMY	0.6902, 0.3725, 0.8549
CMYK	0.51, 0.00, 0.77, 0.37
HSL	100°, 62%, 39%
HSV	100°, 77%, 63%
XYZ	16.1292, 26.9374, 6.0996
YIQ	121.7590, -8.7930, -55.4250

# Conversions

## Conversions Part 2

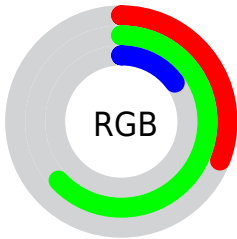
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 160, 118
Decimal	5218341
CIELab	58.92, -46.10, 52.64
CIElCh	59, 69.971, 131.209
Yxy	26.9374, 0.3281, 0.5479
Android (android.graphics.Color)	4283408421 (0xFF4FA025)
YUV	121.7590, -41.7862, -37.4996
Hunter-Lab	51.9013, -35.3555, 29.3629

# Details

The Hex color **4FA025** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7625A0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **87D75B**, and **086B00** is the 20% darker color. If you saturate the color by 10%, you get **44A015**, and if you desaturate by 10%, it is **5AA035**.

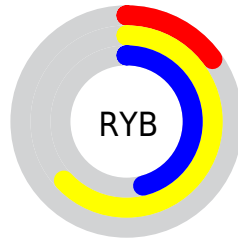
# Distribution



Red (31%)

Green (63%)

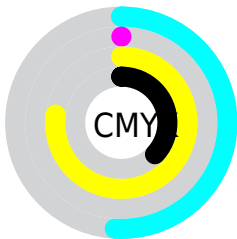
Blue (15%)



Red (15%)

Yellow (63%)

Blue (46%)

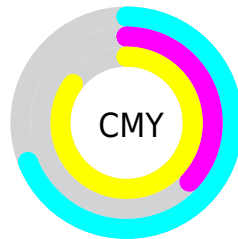


Cyan (51%)

Magenta (0%)

Yellow (77%)

Black (37%)



Cyan (69%)

Magenta (37%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA025 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 4FA025 by changing the saturation by 10% instead.




 4FA025

 4FA025

FFFFFF

 318500

 87D75B

 086B00

 A4F476

 005200

 C1FF91

 003A00

 DEFFAD

 002500

 FBFFC9

 000000

 FFFFE6

 4FA025

 4FA025

 44A015

 5AA035

■ 3AA005

■ 64A045

■ 37A000

■ 6FA055

■ 79A065

■ 84A075

■ 8EA085

■ 99A095

■ A3A0A5

■ AEA0B5

# Harmonies

## Analogous

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



959200



4FA025



00A764

# Triad

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



4FA025



009FFF



FB4C79

# Complementary

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



4FA025



7625A0

# 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.



E755B7



4FA025



008DFF

# Square

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



4FA025



00A8DE



AD72EB



EE613F

# Rectangle

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



4FA025



00A98F



AD72EB



F84B8E



# Sweetspot

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



4FA025



B1D1A1



A07525



55694B



E8E8E8



696969



# Same Dimension

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



4FA025



52D111



25A037



4A4F47



318F00



050F00



# Inverse Universe

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



7625A0



8F11D1



A0258E



4C474F



5E008F



0A000F



# Previews

## White Background



This preview shows how the Hex color 4FA025 looks on a white background.

## Color Contrast Check

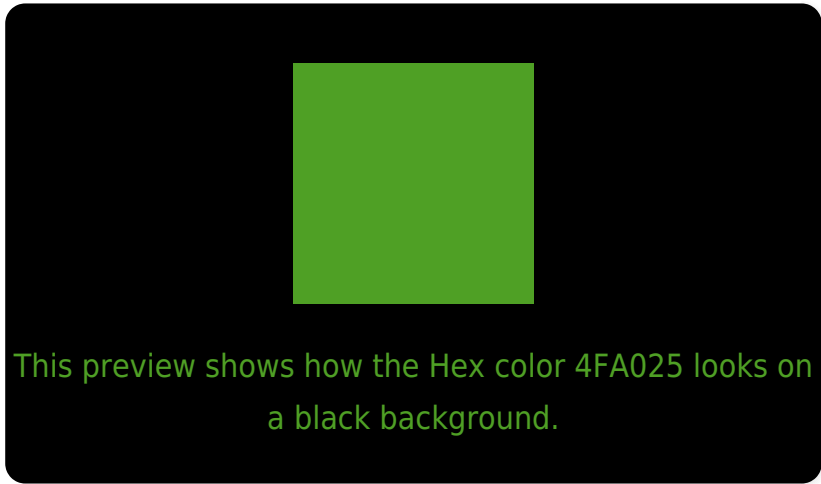
Large Text (above 18pt) WCAG AA ✓ Pass

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 4FA025 Background



This preview shows how black text looks on a background with the Hex color 4FA025.

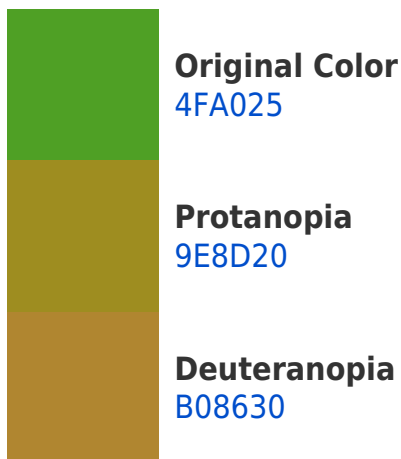


This preview shows how white text looks on a background with the Hex color 4FA025.

# 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](#).

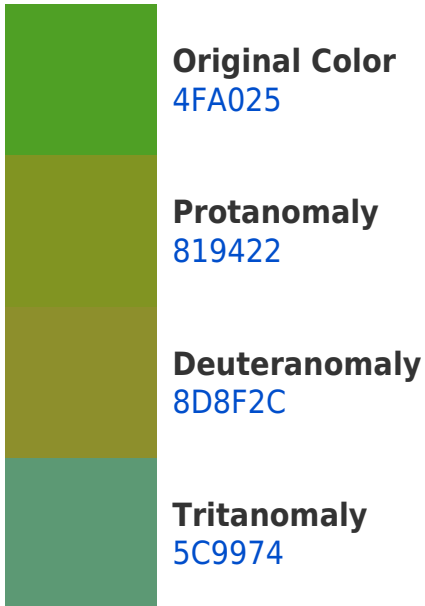
## Dichromacy



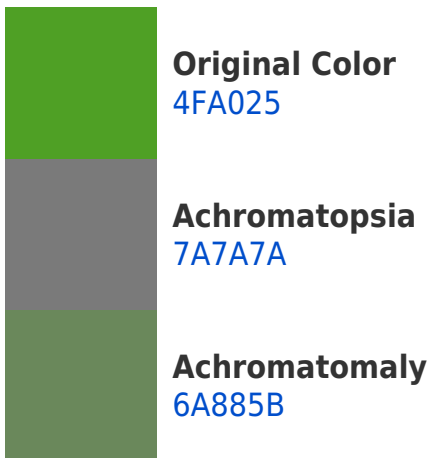


**Tritanopia**  
6495A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA025 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 #4FA025 looks like.

```
.text, #text, p{  
    color:#4FA025  
}
```

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 #4FA025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA025
}
```

## Border

The CSS property to change the border of an element to Hex 4FA025 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
#4FA025 }
```

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

```
.border{ border-color:#4FA025 }
```

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

Here you see how a box with a 4 pixel #4FA025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA025; -webkit-box-shadow:4px 4px  
4px 4px #4FA025; box-shadow:4px 4px 4px  
4px #4FA025 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA025 }
```

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

```
.background{ background-color:#4FA025 }
```

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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