

Converting Colors

Hex(4DAF1D)

Have a look what the booklet for
Hex(4DAF1D) contains.

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Color

Hex(4DAF1D)

Conversions

Conversions Part 1

Format	Color
Hex	4DAF1D
RGB	77, 175, 29
RGB Percent	30%, 69%, 11%
CMY	0.6980, 0.3137, 0.8863
CMYK	0.56, 0.00, 0.83, 0.31
HSL	100°, 72%, 40%
HSV	100°, 83%, 69%
XYZ	18.6123, 32.3264, 6.4211
YIQ	129.0540, -11.5420, -66.1820

Conversions

Conversions Part 2

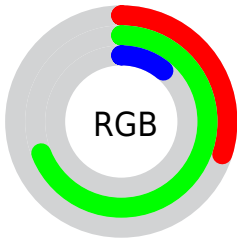
Format	Color
RYB	29, 175, 127
Decimal	5091101
CIELab	63.61, -52.80, 59.41
CIElCh	64, 79.487, 131.628
Yxy	32.3264, 0.3245, 0.5636
Android (android.graphics.Color)	4283281181 (0xFF4DAF1D)
YUV	129.0540, -49.3266, -45.6514
Hunter-Lab	56.8563, -41.0654, 33.1035

Details

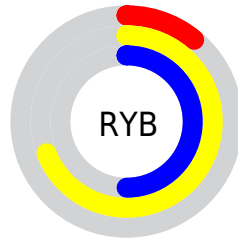
The Hex color **4DAF1D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7F1DAF**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **88E758**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **41AF0C**, and if you desaturate by 10%, it is **59AF2F**.

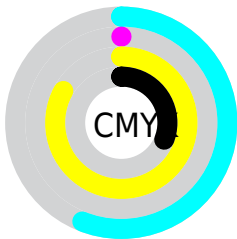
Distribution



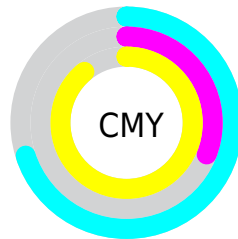
- Red (30%)
- Green (69%)
- Blue (11%)



- Red (11%)
- Yellow (69%)
- Blue (50%)



- Cyan (56%)
- Magenta (0%)
- Yellow (83%)
- Black (31%)



- Cyan (70%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DAF1D 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 4DAF1D by changing the saturation by 10% instead.

 4DAF1D

 4DAF1D

FFFFFF

 2C9400

 88E758

 007900

 A5FF73

 006000

 C2FF8F

 004700

 E0FFAB

 003000

 FEFFC7

 001500

 FFFFE4

 000000

 4DAF1D

 4DAF1D

 41AF0C

 59AF2F

■ 3AAF00

■ 64AF40

■ 70AF52

■ 7CAF63

■ 88AF75

■ 93AF86

■ 9FAF98

■ ABFA9

■ B7AFBB

Harmonies

Analogous

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



A0A000



4DAF1D



00B76A

Triad

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



4DAF1D



00AEFF



FF4982

Complementary

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



4DAF1D



7F1DAF

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.



FF55C8



4DAF1D



009AFF

Square

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



4DAF1D



00B8F7



BE79FF



FF653E

Rectangle

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



4DAF1D



00B99C



BE79FF



FF4899

Sweetspot

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



4DAF1D



BDE3AA



AF7E1D



5C7350



F2F2F2



737373

Same Dimension

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



4DAF1D



4BE300



1DAF35



51574E



319600



081700

Inverse Universe

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



7F1DAF



9800E3



AF1D97



544E57



650096



0F0017

Previews

White Background



This preview shows how the Hex color 4DAF1D looks on a white background.

Color Contrast Check

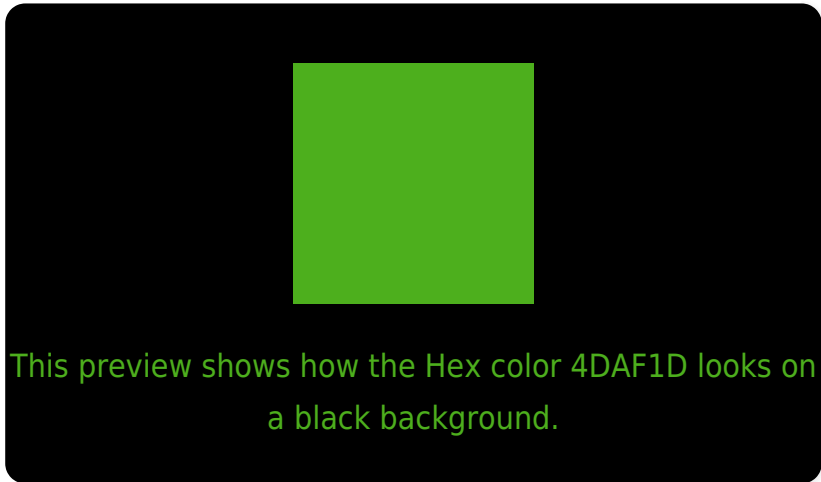
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 4DAF1D Background



This preview shows how black text looks on a background with the Hex color 4DAF1D.



This preview shows how white text looks on a background with the Hex color 4DAF1D.

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
4DAF1D

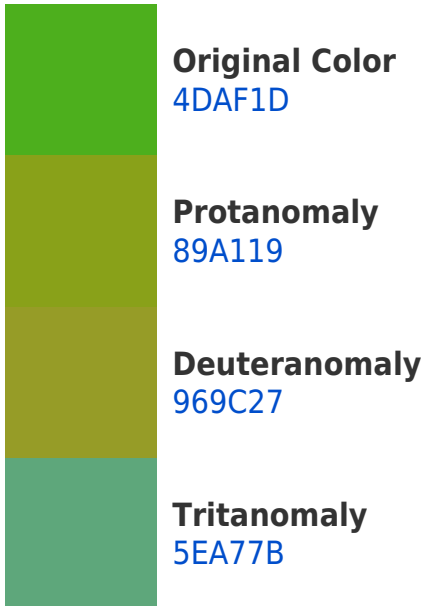
Protanopia
AC9917

Deuteranopia
C0912D

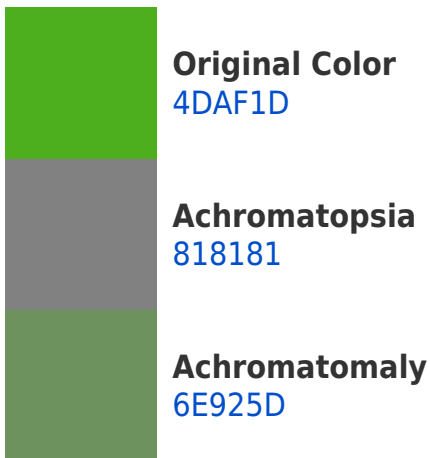


Tritanopia
67A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DAF1D 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 #4DAF1D looks like.

```
.text, #text, p{  
    color:#4DAF1D  
}
```

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 #4DAF1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAF1D
}
```

Border

The CSS property to change the border of an element to Hex 4DAF1D 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
#4DAF1D }
```

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

```
.border{ border-color:#4DAF1D }
```

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

Here you see how a box with a 4 pixel #4DAF1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAF1D; -webkit-box-shadow:4px 4px  
4px 4px #4DAF1D; box-shadow:4px 4px 4px  
4px #4DAF1D }
```

Background

The CSS property to change the background color of an element to Hex 4DAF1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAF1D }
```

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

```
.background{ background-color:#4DAF1D }
```

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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