

Converting Colors

Hex(4DA644)

Have a look what the booklet for
Hex(4DA644) contains.

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Color

Hex(4DA644)

Conversions

Conversions Part 1

Format	Color
Hex	4DA644
RGB	77, 166, 68
RGB Percent	30%, 65%, 27%
CMY	0.6980, 0.3490, 0.7333
CMYK	0.54, 0.00, 0.59, 0.35
HSL	114°, 42%, 46%
HSV	114°, 59%, 65%
XYZ	17.7402, 29.2676, 10.1830
YIQ	128.2170, -21.5860, -49.3460

Conversions

Conversions Part 2

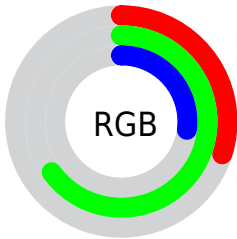
Format	Color
RYB	68, 166, 157
Decimal	5088836
CIELab	61.02, -46.23, 42.01
CIELCh	61, 62.461, 137.739
Yxy	29.2676, 0.3102, 0.5118
Android (android.graphics.Color)	4283278916 (0xFF4DA644)
YUV	128.2170, -29.6870, -44.9173
Hunter-Lab	54.0995, -36.1409, 26.7096

Details

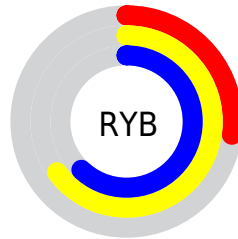
The Hex color **4DA644** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D44A6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **85DE77**, and **04710F** is the 20% darker color. If you saturate the color by 10%, you get **3EA633**, and if you desaturate by 10%, it is **5CA655**.

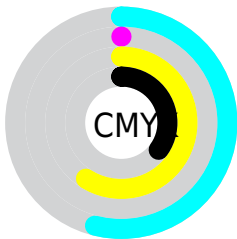
Distribution



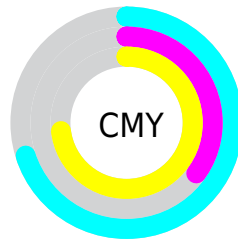
- Red (30%)
- Green (65%)
- Blue (27%)



- Red (27%)
- Yellow (65%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (70%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA644 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 4DA644 by changing the saturation by 10% instead.

 4DA644

 4DA644


FFFFFF

 2F8B2B

 85DE77

 04710F

 A1FB92

 005800

 BEFFAD

 003F00

 DBFFC9

 002A00

 F9FFE5

 000700

 000000

 4DA644

 4DA644

 3EA633

 5CA655

 2FA623

 6BA665

 20A612

 7AA676

 11A602

 89A686

 0FA600

 98A697

 A7A6A8

 B7A6B8

 C6A6C9

 D5A6D9

Harmonies

Analogous

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



909A19



4DA644



00AC7A

Triad

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



4DA644



00A0FF



F75F75

Complementary

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



4DA644



9D44A6

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.



EB61AC



4DA644



668EFD

Square

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



4DA644



00AAE4



BF76DE



E67243

Rectangle

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



4DA644



00ADA0



BF76DE



F65D87

Sweetspot

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



4DA644



B5D9B2



A69C44



586E56



EDEDED



6E6E6E

Same Dimension

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



4DA644



4DD93F



44A66B



4D544C



0E9400



021400

Inverse Universe

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



9D44A6



CB3FD9



A6447F



534C54



860094



130014

Previews

White Background



This preview shows how the Hex color 4DA644 looks on a white background.

Color Contrast Check

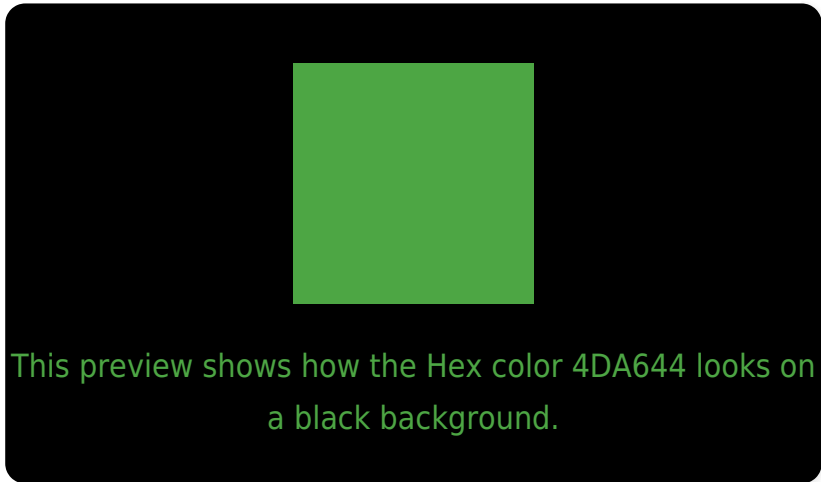
Large Text (above 18pt) WCAG AA ✓ Pass

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 4DA644 Background



This preview shows how black text looks on a background with the Hex color 4DA644.



This preview shows how white text looks on a background with the Hex color 4DA644.

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
4DA644

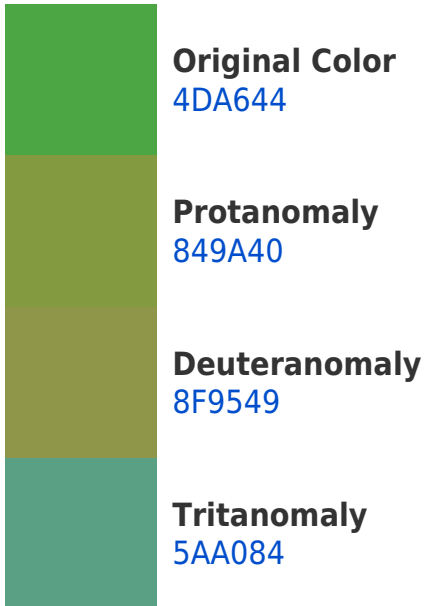
Protanopia
A3933E

Deuteranopia
B48B4C

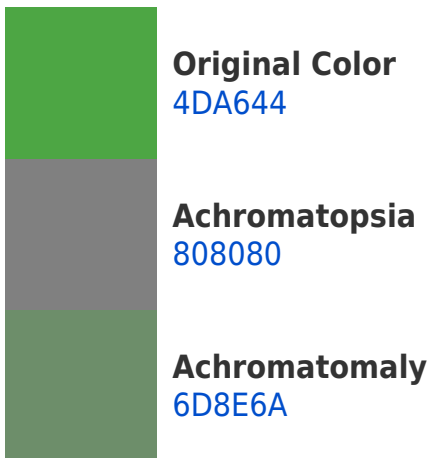


Tritanopia
629CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA644 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 #4DA644 looks like.

```
.text, #text, p{  
    color:#4DA644  
}
```

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 #4DA644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA644
}
```

Border

The CSS property to change the border of an element to Hex 4DA644 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
#4DA644 }
```

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

```
.border{ border-color:#4DA644 }
```

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

Here you see how a box with a 4 pixel #4DA644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA644; -webkit-box-shadow:4px 4px  
4px 4px #4DA644; box-shadow:4px 4px 4px  
4px #4DA644 }
```

Background

The CSS property to change the background color of an element to Hex 4DA644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA644 }
```

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

```
.background{ background-color:#4DA644 }
```

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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