

Converting Colors

Hex(4DA05D)

Have a look what the booklet for
Hex(4DA05D) contains.

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Color

Hex(4DA05D)

Conversions

Conversions Part 1

Format	Color
Hex	4DA05D
RGB	77, 160, 93
RGB Percent	30%, 63%, 36%
CMY	0.6980, 0.3725, 0.6353
CMYK	0.52, 0.00, 0.42, 0.37
HSL	132°, 35%, 46%
HSV	132°, 52%, 63%
XYZ	17.6072, 27.5097, 14.7378
YIQ	127.5450, -27.9610, -38.4330

Conversions

Conversions Part 2

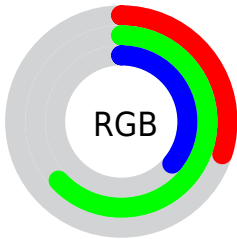
Format	Color
RYB	77, 147, 160
Decimal	5087325
CIELab	59.44, -40.16, 27.39
CIELCh	59, 48.608, 145.708
Yxy	27.5097, 0.2942, 0.4596
Android (android.graphics.Color)	4283277405 (0xFF4DA05D)
YUV	127.5450, -17.0307, -44.3280
Hunter-Lab	52.4497, -31.8652, 20.0549

Details

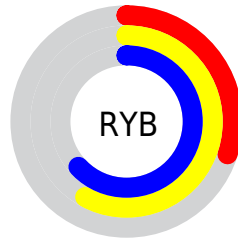
The Hex color **4DA05D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04D90**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **84D790**, and **0E6C2D** is the 20% darker color. If you saturate the color by 10%, you get **3DA050**, and if you desaturate by 10%, it is **5DA06A**.

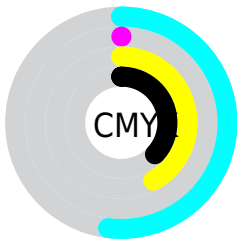
Distribution



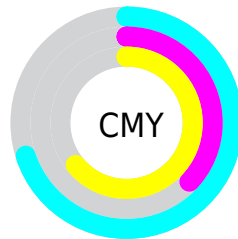
- Red (30%)
- Green (63%)
- Blue (36%)



- Red (30%)
- Yellow (58%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (37%)



- Cyan (70%)
- Magenta (37%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA05D 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 4DA05D by changing the saturation by 10% instead.



4DA05D



4DA05D

FFFFFF



318545



84D790



0E6C2D



9FF4AB



005317



BCFFC6



003B00



D8FFE3



002600



F6FFFF



000000



4DA05D



4DA05D



3DA050



5DA06A



2DA043



6DA077

 1DA036

 7DA084

 0DA029

 8DA091

 00A01F

 9DA09E

 ADA0AA

 BDA0B7

 CDA0C4

 DDA0D1

Harmonies

Analogous

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



83983E



4DA05D



00A487

Triad

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



4DA05D



1A96E4



DE6D6C

Complementary

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



4DA05D



A04D90

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.



DA6A97



4DA05D



8786DC

Square

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



4DA05D



00A0D5



BE75C0



CD7B49

Rectangle

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



4DA05D



00A4A5



BE75C0



DF6B7A

Sweetspot

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



4DA05D



B0D1B6



91A04D



556959



E8E8E8



696969

Same Dimension

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



4DA05D



4FD168



4DA086



474F49



008F1C



000F03

Inverse Universe

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



A04D90



D14FB8



A04D67



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 4DA05D looks on a white background.

Color Contrast Check

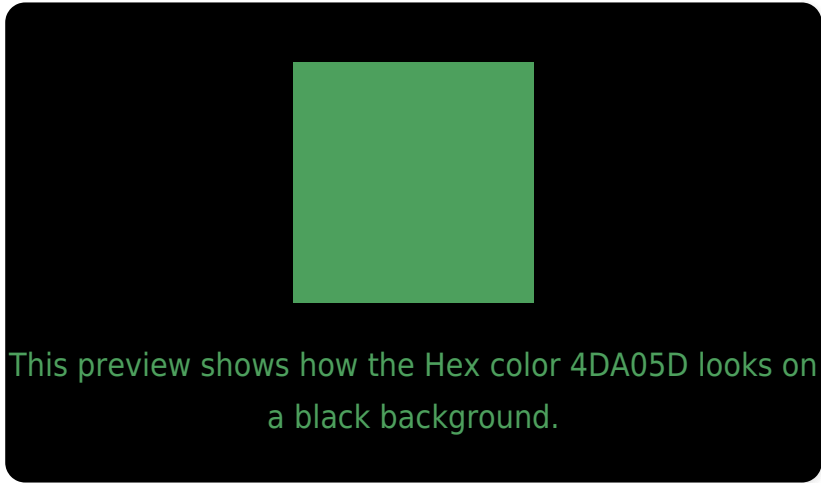
Large Text (above 18pt) WCAG AA ✓ Pass

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 4DA05D Background



This preview shows how black text looks on a background with the Hex color 4DA05D.

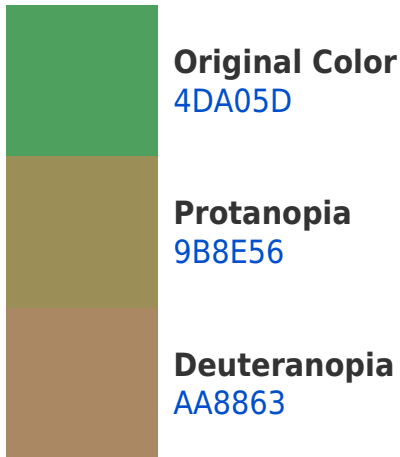


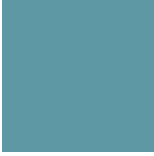
This preview shows how white text looks on a background with the Hex color 4DA05D.

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](#).

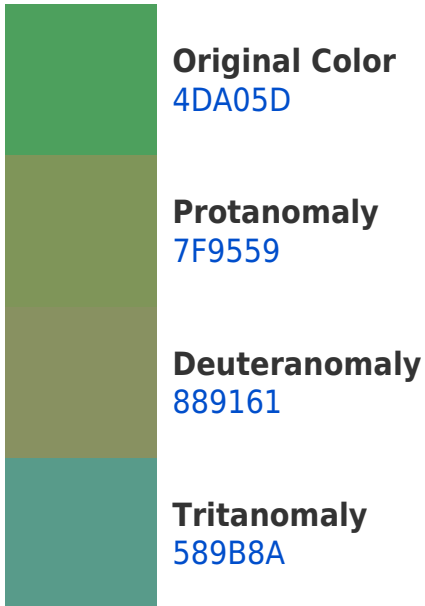
Dichromacy



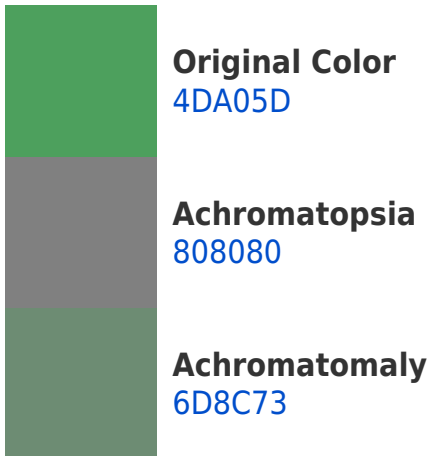


Tritanopia
5E98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA05D 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 #4DA05D looks like.

```
.text, #text, p{  
    color:#4DA05D  
}
```

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 #4DA05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA05D
}
```

Border

The CSS property to change the border of an element to Hex 4DA05D 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
#4DA05D }
```

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

```
.border{ border-color:#4DA05D }
```

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

Here you see how a box with a 4 pixel #4DA05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA05D; -webkit-box-shadow:4px 4px  
4px 4px #4DA05D; box-shadow:4px 4px 4px  
4px #4DA05D }
```

Background

The CSS property to change the background color of an element to Hex 4DA05D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA05D }
```

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

```
.background{ background-color:#4DA05D }
```

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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