

Converting Colors

Hex(4DA16B)

Have a look what the booklet for
Hex(4DA16B) contains.

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Color

Hex(4DA16B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4DA16B |
| RGB | 77, 161, 107 |
| RGB Percent | 30%, 63%, 42% |
| CMY | 0.6980, 0.3686, 0.5804 |
| CMYK | 0.52, 0.00, 0.34, 0.37 |
| HSL | 141°, 35%, 47% |
| HSV | 141°, 52%, 63% |
| XYZ | 18.4593, 28.1291, 18.3665 |
| YIQ | 129.7280, -32.7300, -34.6020 |

Conversions

Conversions Part 2

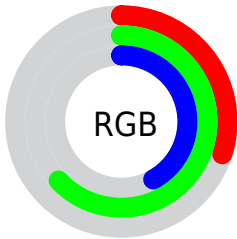
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 77, 139, 161 |
| Decimal | 5087595 |
| CIELab | 60.01, -38.05, 20.54 |
| CIElCh | 60, 43.243, 151.645 |
| Yxy | 28.1291, 0.2842, 0.4331 |
| Android (android.graphics.Color) | 4283277675 (0xFF4DA16B) |
| YUV | 129.7280, -11.2049, -46.2425 |
| Hunter-Lab | 53.0368, -30.6882, 16.5939 |

Details

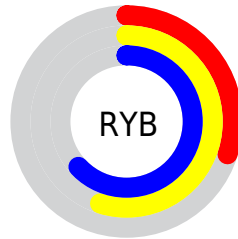
The Hex color **4DA16B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A14D83**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **84D89F**, and **0E6D3B** is the 20% darker color. If you saturate the color by 10%, you get **3DA161**, and if you desaturate by 10%, it is **5DA175**.

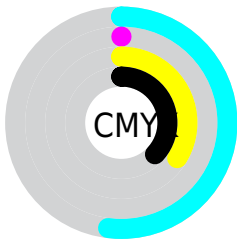
Distribution



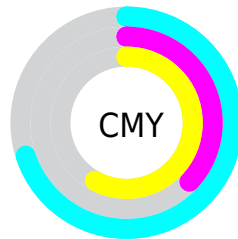
- Red (30%)
- Green (63%)
- Blue (42%)



- Red (30%)
- Yellow (55%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (34%)
- Black (37%)



- Cyan (70%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA16B 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 4DA16B by changing the saturation by 10% instead.



4DA16B



4DA16B

FFFFFF



318653



84D89F



0E6D3B



9FF5BA



005425



BBFFD6



003C0F



D8FFF2



002700



F5FFFF



000000



4DA16B



4DA16B



3DA161



5DA175



2DA156



6DA180

 1DA14C

 7DA18A

 0DA142

 8DA194

 00A13A

 9EA19F

 AEA1A9

 BEA1B3

 CEA1BE

 DEA1C8

Harmonies

Analogous

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



7E9A4D



4DA16B



00A492

Triad

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



4DA16B



5294DC



D6756B

Complementary

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



4DA16B



A14D83

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.



D67190



4DA16B



9686D2

Square

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



4DA16B



009ED3



C178B5



C4814E

Rectangle

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



4DA16B



00A4AB



C178B5



D87277

Sweetspot

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



4DA16B



B0D1BC



84A14D



55695C



E8E8E8



696969

Same Dimension

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



4DA16B



4DD17C



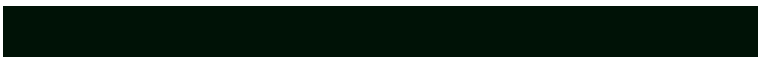
4DA194



49524C



009134



001206

Inverse Universe

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



A14D83



D14DA2



A14D5A



52494F



91005D



12000B

Previews

White Background



This preview shows how the Hex color 4DA16B looks on a white background.

Color Contrast Check

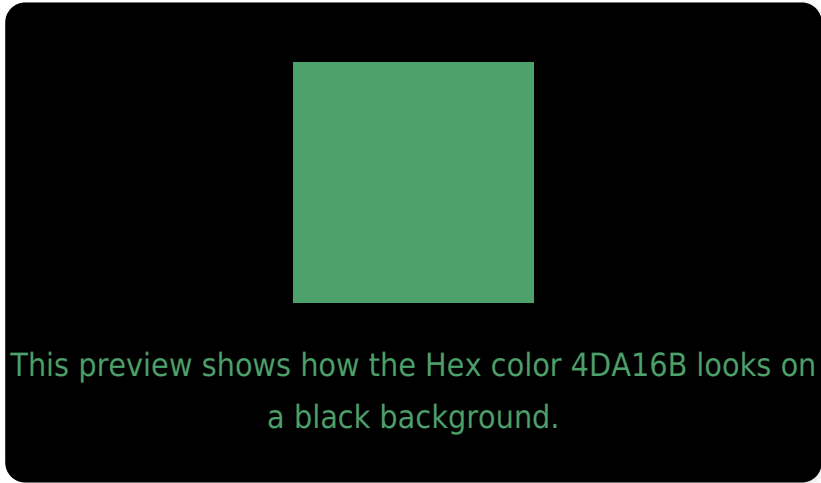
Large Text (above 18pt) WCAG AA ✓ Pass

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

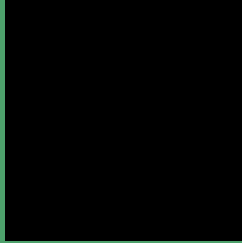
Any Text WCAG AA ✓ Pass

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 4DA16B Background



This preview shows how black text looks on a background with the Hex color 4DA16B.

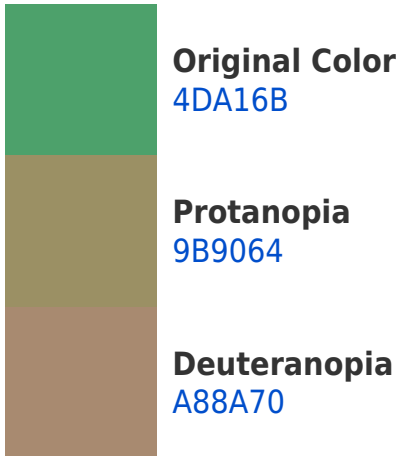


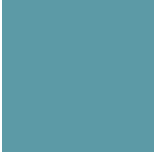
This preview shows how white text looks on a background with the Hex color 4DA16B.

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
5C9AA6

Trichromacy



Original Color
4DA16B



Protanomaly
7F9667



Deuteranomaly
87926E



Tritanomaly
579D91

Monochromacy



Original Color
4DA16B



Achromatopsia
828282



Achromatomaly
6F8D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA16B 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 #4DA16B looks like.

```
.text, #text, p{  
    color:#4DA16B  
}
```

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 #4DA16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA16B
}
```

Border

The CSS property to change the border of an element to Hex 4DA16B 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
#4DA16B }
```

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

```
.border{ border-color:#4DA16B }
```

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

Here you see how a box with a 4 pixel #4DA16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA16B; -webkit-box-shadow:4px 4px  
4px 4px #4DA16B; box-shadow:4px 4px 4px  
4px #4DA16B }
```

Background

The CSS property to change the background color of an element to Hex 4DA16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA16B }
```

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

```
.background{ background-color:#4DA16B }
```

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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