

Converting Colors

Hex(4DAE28)

Have a look what the booklet for
Hex(4DAE28) contains.

Hex(4DAE28)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DAE28)

Conversions

Conversions Part 1

Format	Color
Hex	4DAE28
RGB	77, 174, 40
RGB Percent	30%, 68%, 16%
CMY	0.6980, 0.3176, 0.8431
CMYK	0.56, 0.00, 0.77, 0.32
HSL	103°, 63%, 42%
HSV	103°, 77%, 68%
XYZ	18.5796, 32.0031, 7.2054
YIQ	129.7210, -14.7980, -62.2380

Conversions

Conversions Part 2

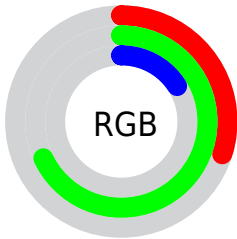
Format	Color
RYB	40, 174, 137
Decimal	5090856
CIELab	63.35, -51.82, 55.91
CIElCh	63, 76.232, 132.831
Yxy	32.0031, 0.3215, 0.5538
Android (android.graphics.Color)	4283280936 (0xFF4DAE28)
YUV	129.7210, -44.2325, -46.2363
Hunter-Lab	56.5713, -40.3752, 32.0482

Details

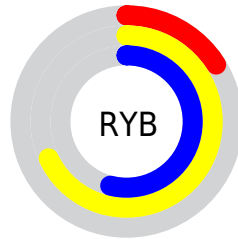
The Hex color **4DAE28** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8928AE**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87E65F**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **40AE17**, and if you desaturate by 10%, it is **5AAE39**.

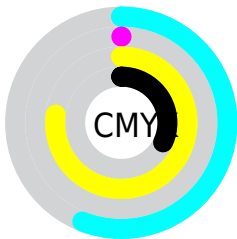
Distribution



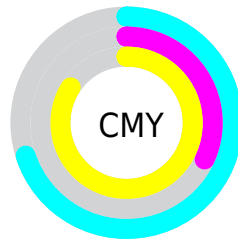
- Red (30%)
- Green (68%)
- Blue (16%)



- Red (16%)
- Yellow (68%)
- Blue (54%)



- Cyan (56%)
- Magenta (0%)
- Yellow (77%)
- Black (32%)



- Cyan (70%)
- Magenta (32%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DAE28 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 4DAE28 by changing the saturation by 10% instead.



4DAE28



4DAE28

FFFFFF



2D9300



87E65F



007800



A4FF7A



005F00



C2FF96



004600



DFFF B2



003000



FDF FCE



001400



FFF FEB



000000



4DAE28



4DAE28



40AE17



5AAE39

 34AE05

 66AE4B

 30AE00

 73AE5C

 7FAE6E

 8CAE7F

 99AE90

 A5AEA2

 B2AEB3

 BEAEC5

Harmonies

Analogous

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



9D9F00



4DAE28



00B66F

Triad

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



4DAE28



00ACFF



FF4F7F

Complementary

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



4DAE28



8928AE

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.



FE58C3



4DAE28



1798FF

Square

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



4DAE28



00B6F5



C079FE



FF683F

Rectangle

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



4DAE28



00B89E



C079FE



FF4D96

Sweetspot

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



4DAE28



BDE3AF



AE8828



5B7353



F2F2F2



737373

Same Dimension

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



4DAE28



4CE312



28AE45



50574E



2A9600



061700

Inverse Universe

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



8928AE



A912E3



AE2891



544E57



6D0096



110017

Previews

White Background



This preview shows how the Hex color 4DAE28 looks on a white background.

Color Contrast Check

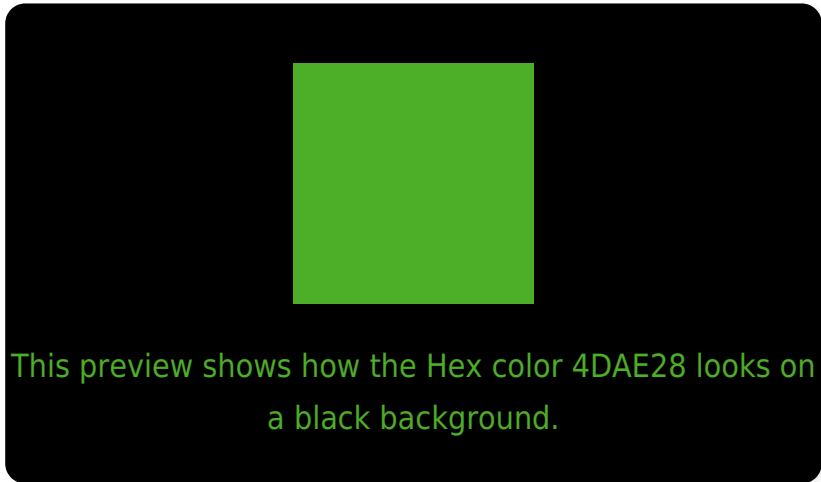
Large Text (above 18pt) WCAG AA × Fail

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 4DAE28 Background



This preview shows how black text looks on a background with the Hex color 4DAE28.



This preview shows how white text looks on a background with the Hex color 4DAE28.

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](#).

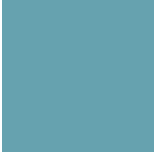
Dichromacy



Original Color
4DAE28

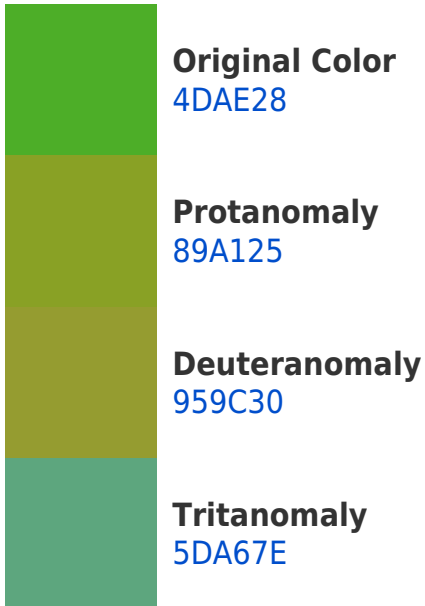
Protanopia
AB9923

Deuteranopia
BE9135



Tritanopia
66A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DAE28 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 #4DAE28 looks like.

```
.text, #text, p{  
    color:#4DAE28  
}
```

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 #4DAE28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAE28  
}
```

Border

The CSS property to change the border of an element to Hex 4DAE28 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  
#4DAE28 }
```

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

```
.border{ border-color:#4DAE28 }
```

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

Here you see how a box with a 4 pixel #4DAE28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAE28; -webkit-box-shadow:4px 4px  
4px 4px #4DAE28; box-shadow:4px 4px 4px  
4px #4DAE28 }
```

Background

The CSS property to change the background color of an element to Hex 4DAE28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAE28 }
```

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

```
.background{ background-color:#4DAE28 }
```

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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