

Converting Colors

Hex(4CE058)

Have a look what the booklet for
Hex(4CE058) contains.

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Color

Hex(4CE058)

Conversions

Conversions Part 1

Format	Color
Hex	4CE058
RGB	76, 224, 88
RGB Percent	30%, 88%, 35%
CMY	0.7020, 0.1216, 0.6549
CMYK	0.66, 0.00, 0.61, 0.12
HSL	125°, 70%, 59%
HSV	125°, 66%, 88%
XYZ	31.3976, 55.5524, 18.3004
YIQ	164.2440, -44.5520, -73.6720

Conversions

Conversions Part 2

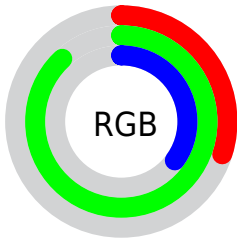
Format	Color
RYB	76, 213, 224
Decimal	5038168
CIELab	79.36, -65.39, 54.04
CIELCh	79, 84.828, 140.429
Yxy	55.5524, 0.2983, 0.5278
Android (android.graphics.Color)	4283228248 (0xFF4CE058)
YUV	164.2440, -37.5883, -77.3900
Hunter-Lab	74.5335, -55.2396, 37.6158

Details

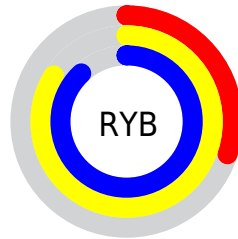
The Hex color **4CE058** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **E04CD4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8DFF8E**, and **00A720** is the 20% darker color. If you saturate the color by 10%, you get **36E043**, and if you desaturate by 10%, it is **62E06D**.

Distribution



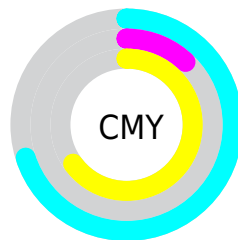
- Red (30%)
- Green (88%)
- Blue (35%)



- Red (30%)
- Yellow (84%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)
- Black (12%)



- Cyan (70%)
- Magenta (12%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4CE058 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 4CE058 by changing the saturation by 10% instead.

 4CE058

 4CE058

FFFFFF

 21C33D

 8DFF8E

 00A720

 ACFFAA

 008C00

 CAFFC6

 007100

 E9FFE3

 005700

 003E00

 002600

 000000

 4CE058

 4CE058

 36E043

 62E06D

 1FE02F

 79E081

 09E01A

 8FE096

 00E012

 A6E0AA

 BCE0BF

 D2E0D4

 E9E0E8

 FFE0FD

 FFE0FF

Harmonies

Analogous

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



B7D100



4CE058



00E7A8

Triad

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



4CE058



00D5FF



FF7892

Complementary

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



4CE058



E04CD4

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.



FF76E1



4CE058



8EBAFF

Square

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



4CE058



00E4FF



FF96FF



FF964A

Rectangle

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



4CE058



00E9DF



FF96FF



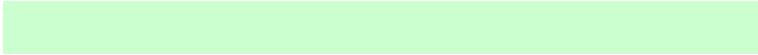
FF73AC

Sweetspot

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



4CE058



CCFFD0



D6E04C



618063



000000



808080

Same Dimension

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



4CE058



36FF46



4CE0A0



657066



00B00E



003004

Inverse Universe

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



E04CD4



FF36EF



E04C8C



70656F



B000A2



30002D

Previews

White Background



This preview shows how the Hex color 4CE058 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



This preview shows how the Hex color 4CE058 looks on a 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 4CE058 Background



This preview shows how black text looks on a background with the Hex color 4CE058.

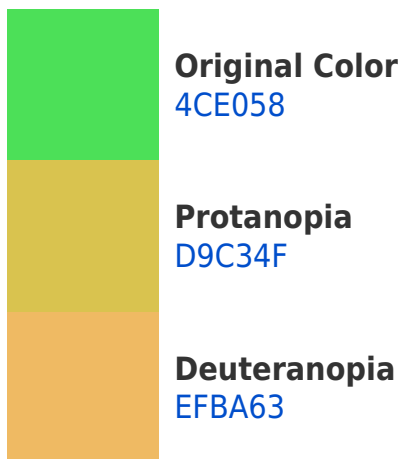


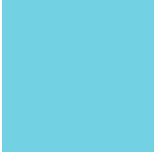
This preview shows how white text looks on a background with the Hex color 4CE058.

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



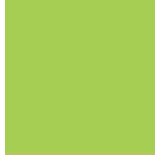


Tritanopia
72D2E3

Trichromacy



Original Color
4CE058



Protanomaly
A6CE52



Deuteranomaly
B4C85F



Tritanomaly
64D7B0

Monochromacy



Original Color
4CE058



Achromatopsia
A4A4A4



Achromatomaly
84BA88

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CE058 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 #4CE058 looks like.

```
.text, #text, p{  
    color:#4CE058  
}
```

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 #4CE058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE058
}
```

Border

The CSS property to change the border of an element to Hex 4CE058 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
#4CE058 }
```

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

```
.border{ border-color:#4CE058 }
```

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

Here you see how a box with a 4 pixel #4CE058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE058; -webkit-box-shadow:4px 4px  
4px 4px #4CE058; box-shadow:4px 4px 4px  
4px #4CE058 }
```

Background

The CSS property to change the background color of an element to Hex 4CE058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE058 }
```

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

```
.background{ background-color:#4CE058 }
```

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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