

Converting Colors

Hex(C5E052)

Have a look what the booklet for
Hex(C5E052) contains.

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Color

Hex(C5E052)

Conversions

Conversions Part 1

Format	Color
Hex	C5E052
RGB	197, 224, 82
RGB Percent	77%, 88%, 32%
CMY	0.2275, 0.1216, 0.6784
CMYK	0.12, 0.00, 0.63, 0.12
HSL	71°, 70%, 60%
HSV	71°, 63%, 88%
XYZ	51.2046, 65.7908, 17.9828
YIQ	199.7390, 29.4900, -49.8860

Conversions

Conversions Part 2

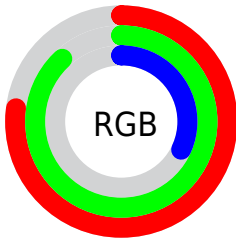
Format	Color
RYB	82, 224, 109
Decimal	12968018
CIELab	84.89, -28.03, 64.22
CIELCh	85, 70.066, 113.578
Yxy	65.7908, 0.3794, 0.4874
Android (android.graphics.Color)	4291158098 (0xFFC5E052)
YUV	199.7390, -58.0453, -2.4021
Hunter-Lab	81.1115, -29.2606, 43.6332

Details

The Hex color **C5E052** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted yellow. A complement of this color would be **6D52E0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF89**, and **8CA912** is the 20% darker color. If you saturate the color by 10%, you get **C1E03C**, and if you desaturate by 10%, it is **C9E068**.

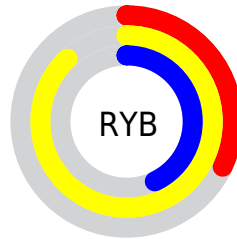
Distribution



Red (77%)

Green (88%)

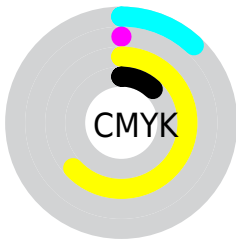
Blue (32%)



Red (32%)

Yellow (88%)

Blue (43%)

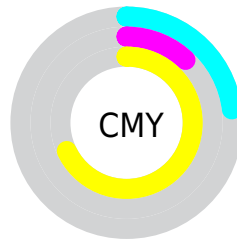


Cyan (12%)

Magenta (0%)

Yellow (63%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5E052 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 C5E052 by changing the saturation by 10% instead.

 C5E052

 C5E052

FFFFFF

 A8C435

 FFFF89

 8CA912

 FFFFA5

 708E00

 FFFFC2

 557500

 FFFFDF

 3A5C00

 FFFFFC

 1E4400

 002E00

 001A00

 000000

 C5E052

 C5E052

 C1E03C

 C9E068

 BCE025

 CEE07F

 B8E00F

 D2E095

 B5E000

 D6E0AC

 DAE0C2

 DFE0D8

 E3E0EF

 E7E0FF

 EBE0FF

Harmonies

Analogous

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



FFCC49



C5E052



72ED82

Triad

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



C5E052



00E0FF



FF00FF

Complementary

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



C5E052



6D52E0

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.



FFADFF



C5E052



00E0FF

Square

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



C5E052



00F4FF



BEC8FF



FF9DA3

Rectangle

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



C5E052



00F2AC



BEC8FF



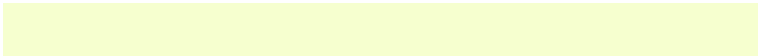
FF9EFB

Sweetspot

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



C5E052



F6FFCF



E06C52



7A8062



000000



808080

Same Dimension

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



C5E052



DAFF3D



7FE052



6E7065



8EB000



273000

Inverse Universe

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



6D52E0



623DFF



B352E0



676570



2100B0



090030

Previews

White Background



This preview shows how the Hex color C5E052 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 C5E052 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 C5E052 Background



This preview shows how black text looks on a background with the Hex color C5E052.

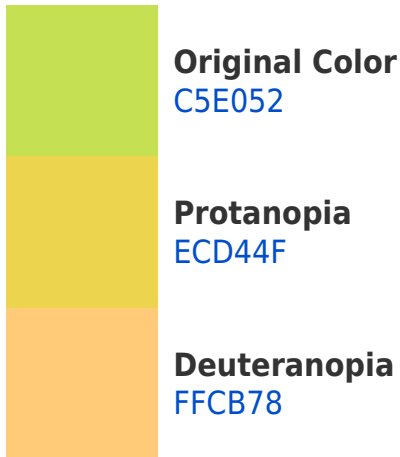


This preview shows how white text looks on a background with the Hex color C5E052.

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](#).

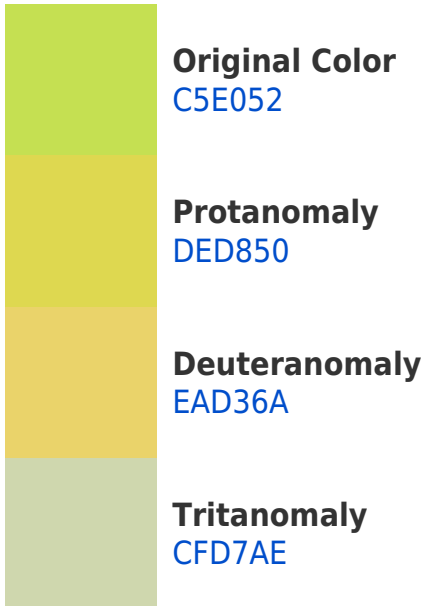
Dichromacy





Tritanopia
D4D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5E052 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 #C5E052 looks like.

```
.text, #text, p{  
    color:#C5E052  
}
```

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 #C5E052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E052
}
```

Border

The CSS property to change the border of an element to Hex C5E052 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
#C5E052 }
```

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

```
.border{ border-color:#C5E052 }
```

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

Here you see how a box with a 4 pixel #C5E052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E052; -webkit-box-shadow:4px 4px  
4px 4px #C5E052; box-shadow:4px 4px 4px  
4px #C5E052 }
```

Background

The CSS property to change the background color of an element to Hex C5E052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E052 }
```

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

```
.background{ background-color:#C5E052 }
```

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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