

Converting Colors

Hex(44C54E)

Have a look what the booklet for
Hex(44C54E) contains.

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Color

Hex(44C54E)

Conversions

Conversions Part 1

Format	Color
Hex	44C54E
RGB	68, 197, 78
RGB Percent	27%, 77%, 31%
CMY	0.7333, 0.2275, 0.6941
CMYK	0.65, 0.00, 0.60, 0.23
HSL	125°, 53%, 52%
HSV	125°, 65%, 77%
XYZ	23.7253, 41.7115, 14.0084
YIQ	144.8630, -38.6850, -64.3570

Conversions

Conversions Part 2

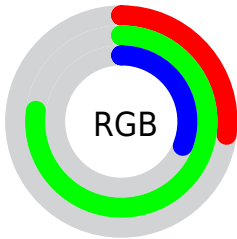
Format	Color
RYB	68, 188, 197
Decimal	4506958
CIELab	70.67, -58.77, 48.47
CIELCh	71, 76.174, 140.485
Yxy	41.7115, 0.2986, 0.5250
Android (android.graphics.Color)	4282697038 (0xFF44C54E)
YUV	144.8630, -32.9635, -67.4089
Hunter-Lab	64.5844, -47.4503, 32.3491

Details

The Hex color **44C54E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C544BB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **83FF83**, and **008E17** is the 20% darker color. If you saturate the color by 10%, you get **30C53C**, and if you desaturate by 10%, it is **58C560**.

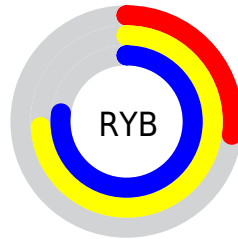
Distribution



Red (27%)

Green (77%)

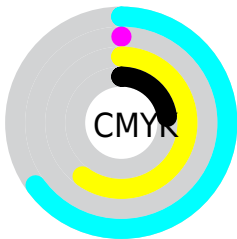
Blue (31%)



Red (27%)

Yellow (74%)

Blue (77%)

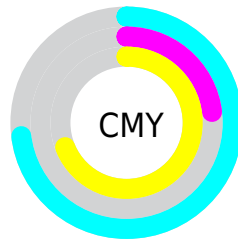


Cyan (65%)

Magenta (0%)

Yellow (60%)

Black (23%)



Cyan (73%)

Magenta (23%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44C54E 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 44C54E by changing the saturation by 10% instead.

 44C54E

 44C54E

FFFFFF

 1AA934


 83FF83

 008E17

 A0FF9E

 007300

 BEFFBA

 005900

 DCFFD6

 004100

 FAFFF3

 002A00

 000500

 000000

 44C54E

 44C54E

 30C53C

 58C560

 1DC52A

 6BC572

 09C517

 7FC585

 00C50F

 93C597

 A7C5A9

 BAC5BB

 CEC5CD

 E2C5DF

 F5C5F2

Harmonies

Analogous

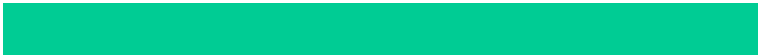
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1B804



44C54E



00CC94

Triad

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



44C54E



00BBFF



FF6A81

Complementary

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



44C54E



C544BB

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.



FF69C6



44C54E



7EA4FF

Square

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



44C54E



00C8FF



EA84FF



FF8542

Rectangle

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



44C54E



00CDC4



EA84FF



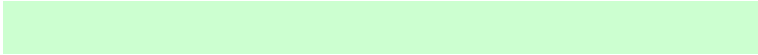
FF6697

Sweetspot

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



44C54E



CCFFD0



BCC544



618063



000000



808080

Same Dimension

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



44C54E



36FF45



44C58D



5A635A



00A30D



002403

Inverse Universe

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



C544BB



FF36EF



C5447C



635A63



A30097



240021

Previews

White Background



This preview shows how the Hex color 44C54E looks on a white background.

Color Contrast Check

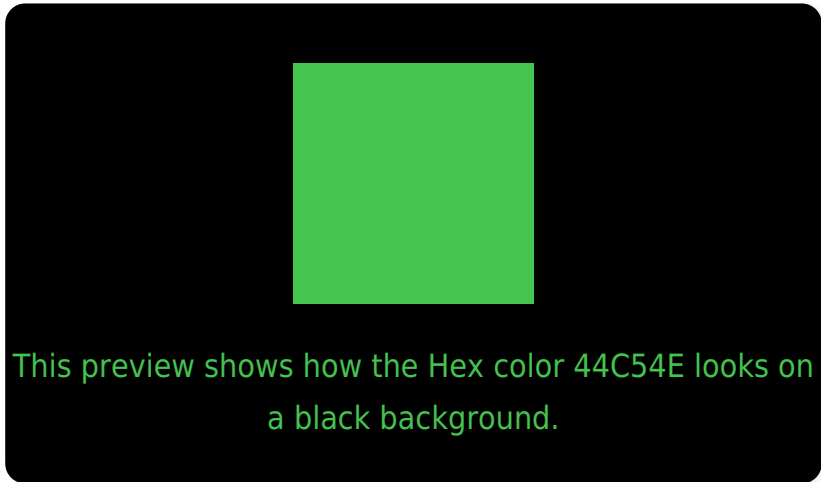
Large Text (above 18pt) WCAG AA × Fail

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 44C54E Background



This preview shows how black text looks on a background with the Hex color 44C54E.

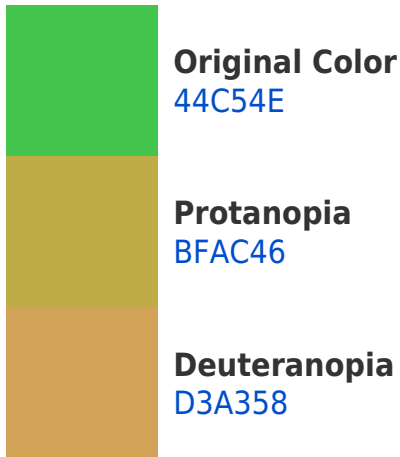


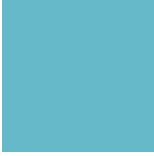
This preview shows how white text looks on a background with the Hex color 44C54E.

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](#).

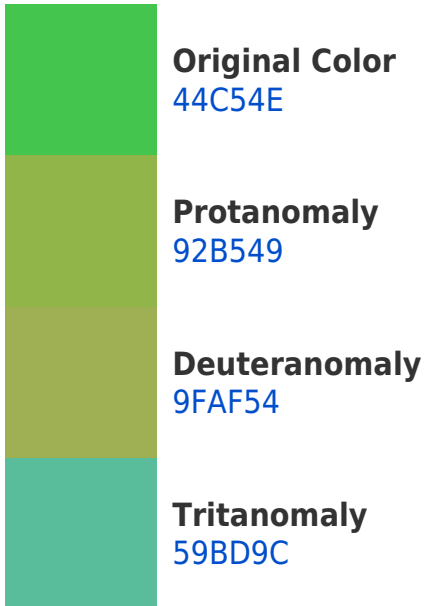
Dichromacy



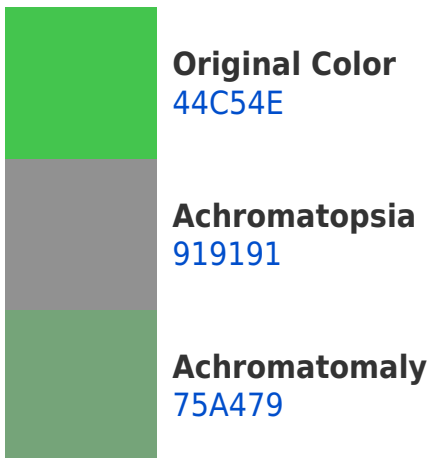


Tritanopia
65B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44C54E 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 #44C54E looks like.

```
.text, #text, p{  
    color:#44C54E  
}
```

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 #44C54E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C54E
}
```

Border

The CSS property to change the border of an element to Hex 44C54E 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
#44C54E }
```

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

```
.border{ border-color:#44C54E }
```

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

Here you see how a box with a 4 pixel #44C54E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C54E; -webkit-box-shadow:4px 4px  
4px 4px #44C54E; box-shadow:4px 4px 4px  
4px #44C54E }
```

Background

The CSS property to change the background color of an element to Hex 44C54E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C54E }
```

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

```
.background{ background-color:#44C54E }
```

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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