

Converting Colors

Hex(44CC57)

Have a look what the booklet for
Hex(44CC57) contains.

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Color

Hex(44CC57)

Conversions

Conversions Part 1

Format	Color
Hex	44CC57
RGB	68, 204, 87
RGB Percent	27%, 80%, 34%
CMY	0.7333, 0.2000, 0.6588
CMYK	0.67, 0.00, 0.57, 0.20
HSL	128°, 57%, 53%
HSV	128°, 67%, 80%
XYZ	25.6971, 45.1028, 16.3682
YIQ	149.9980, -43.4990, -65.2190

Conversions

Conversions Part 2

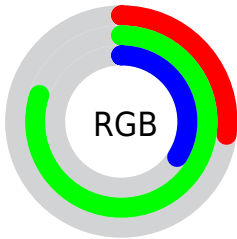
Format	Color
RYB	68, 187, 204
Decimal	4508759
CIELab	72.96, -60.14, 47.04
CIELCh	73, 76.346, 141.970
Yxy	45.1028, 0.2948, 0.5174
Android (android.graphics.Color)	4282698839 (0xFF44CC57)
YUV	149.9980, -31.0580, -71.9122
Hunter-Lab	67.1586, -49.2277, 32.5606

Details

The Hex color **44CC57** 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 **CC44B9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **83FF8C**, and **009422** is the 20% darker color. If you saturate the color by 10%, you get **30CC45**, and if you desaturate by 10%, it is **58CC69**.

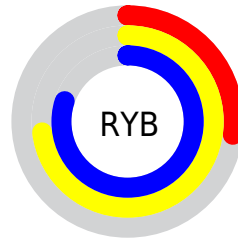
Distribution



Red (27%)

Green (80%)

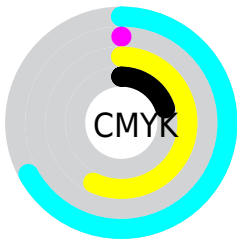
Blue (34%)



Red (27%)

Yellow (73%)

Blue (80%)

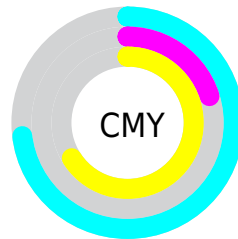


Cyan (67%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (73%)

Magenta (20%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44CC57 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 44CC57 by changing the saturation by 10% instead.

 44CC57

 44CC57

FFFFFF

 18B03D

 83FF8C

 009422

 A2FFA7

 007A00

 BFFFC3

 006000

 DEFFE0

 004600

 FCFFFD

 003000

 001200

 000000

 44CC57

 44CC57

 30CC45

 58CC69

 1BCC34

 6DCC7A

 07CC22

 81CC8C

 00CC1C

 96CC9D

 AACCAF

 BECCC0

 D3CCD2

 E7CCE3

 FCCCF5

Harmonies

Analogous

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



A4BF16



44CC57



00D29D

Triad

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



44CC57



00C1FF



FF7183

Complementary

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



44CC57



CC44B9

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.



FF6FC9



44CC57



8DA9FF

Square

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



44CC57



00CEFF



F589FF



FF8C44

Rectangle

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



44CC57



00D4CE



F589FF



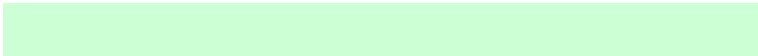
FF6D9A

Sweetspot

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



44CC57



CCFFD3



BACC44



618065



000000



808080

Same Dimension

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



44CC57



33FF4F



44CC9A



5C665D



00A617



002605

Inverse Universe

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



CC44B9



FF33E3



CC4476



665C65



A6008F



260021

Previews

White Background



This preview shows how the Hex color 44CC57 looks on a white background.

Color Contrast Check

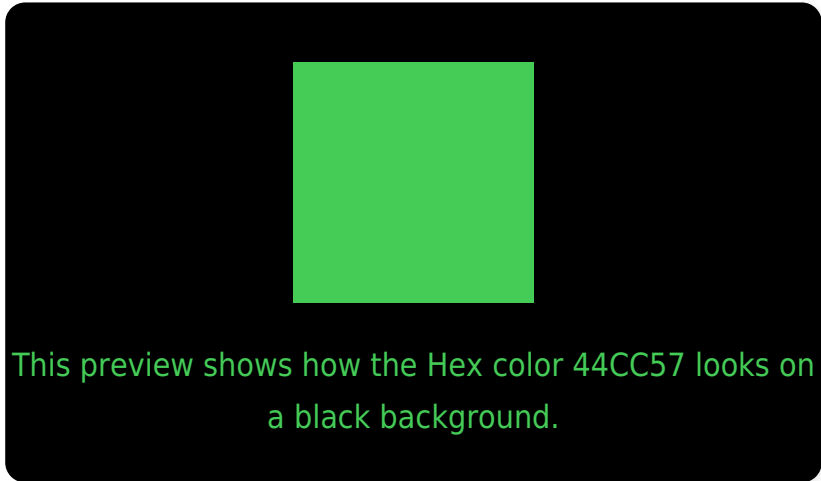
Large Text (above 18pt) WCAG AA × Fail

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

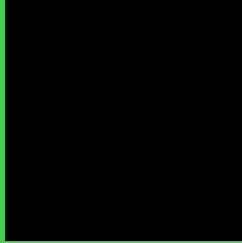
Any Text WCAG AA ✓ Pass

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 44CC57 Background



This preview shows how black text looks on a background with the Hex color 44CC57.

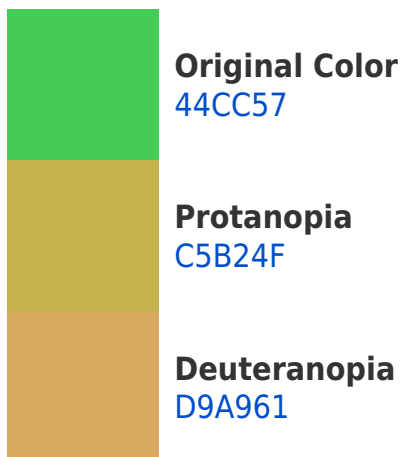


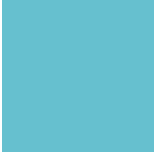
This preview shows how white text looks on a background with the Hex color 44CC57.

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
66C0CF

Trichromacy



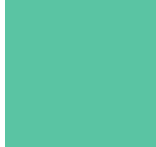
Original Color
44CC57



Protanomaly
96BB52



Deuteranomaly
A3B65D



Tritanomaly
5AC4A3

Monochromacy



Original Color
44CC57



Achromatopsia
969696



Achromatomaly
78AA7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 44CC57 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 #44CC57 looks like.

```
.text, #text, p{  
    color:#44CC57  
}
```

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 #44CC57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44CC57
}
```

Border

The CSS property to change the border of an element to Hex 44CC57 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
#44CC57 }
```

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

```
.border{ border-color:#44CC57 }
```

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

Here you see how a box with a 4 pixel #44CC57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44CC57; -webkit-box-shadow:4px 4px  
4px 4px #44CC57; box-shadow:4px 4px 4px  
4px #44CC57 }
```

Background

The CSS property to change the background color of an element to Hex 44CC57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44CC57 }
```

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

```
.background{ background-color:#44CC57 }
```

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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