

Converting Colors

Hex(45CA6C)

Have a look what the booklet for
Hex(45CA6C) contains.

Hex(45CA6C)	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(45CA6C)

Conversions

Conversions Part 1

Format	Color
Hex	45CA6C
RGB	69, 202, 108
RGB Percent	27%, 79%, 42%
CMY	0.7294, 0.2078, 0.5765
CMYK	0.66, 0.00, 0.47, 0.21
HSL	138°, 56%, 53%
HSV	138°, 66%, 79%
XYZ	26.2815, 44.5890, 21.4087
YIQ	151.5170, -49.0940, -57.4300

Conversions

Conversions Part 2

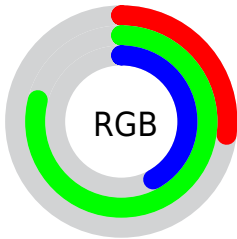
Format	Color
RYB	69, 172, 202
Decimal	4573804
CIELab	72.62, -56.24, 36.50
CIELCh	73, 67.046, 147.021
Yxy	44.5890, 0.2848, 0.4832
Android (android.graphics.Color)	4282763884 (0xFF45CA6C)
YUV	151.5170, -21.4539, -72.3674
Hunter-Lab	66.7750, -46.6015, 27.7335

Details

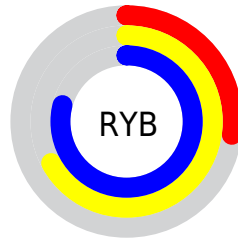
The Hex color **45CA6C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA45A3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **83FFA1**, and **00933A** is the 20% darker color. If you saturate the color by 10%, you get **31CA5E**, and if you desaturate by 10%, it is **59CA7A**.

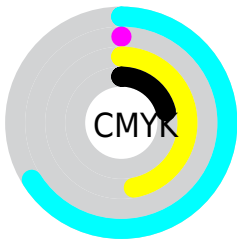
Distribution



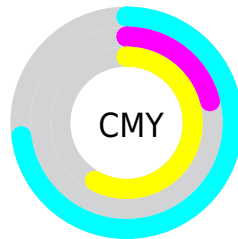
- Red (27%)
- Green (79%)
- Blue (42%)



- Red (27%)
- Yellow (67%)
- Blue (79%)



- Cyan (66%)
- Magenta (0%)
- Yellow (47%)
- Black (21%)



- Cyan (73%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45CA6C 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 45CA6C by changing the saturation by 10% instead.

 45CA6C

 45CA6C

FFFFFF

 1CAE53

 83FFA1

 00933A

 A1FFBC

 007822

 BFFFD8

 005E06

 DDFFF5

 004500

 FBFFFF

 002F00

 001100

 000000

 45CA6C

 45CA6C

 31CA5E

 59CA7A

 1DCA4F

 6DCA89

 08CA41

 82CA97

 00CA3B

 96CAA5

 AACAB3

 BECAC2

 D2CAD0

 E7CADE

 FBCAEC

Harmonies

Analogous

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



9CBF3B



45CA6C



00CFAA

Triad

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



45CA6C



00BBFF



FF7F7E

Complementary

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



45CA6C



CA45A3

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.



FF79BB



45CA6C



A8A4FF

Square

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



45CA6C



00C9FF



F78AF6



FF954B

Rectangle

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



45CA6C



00D0D4



F78AF6



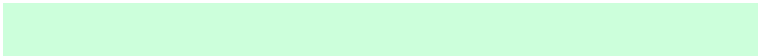
FF7A92

Sweetspot

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



45CA6C



CCFFDB



A4CA45



61806A



000000



808080

Same Dimension

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



45CA6C



36FF71



45CAAD



5C665F



00A631



00260B

Inverse Universe

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



CA45A3



FF36C4



CA4562



665C63



A60075



26001B

Previews

White Background



This preview shows how the Hex color 45CA6C looks on a white background.

Color Contrast Check

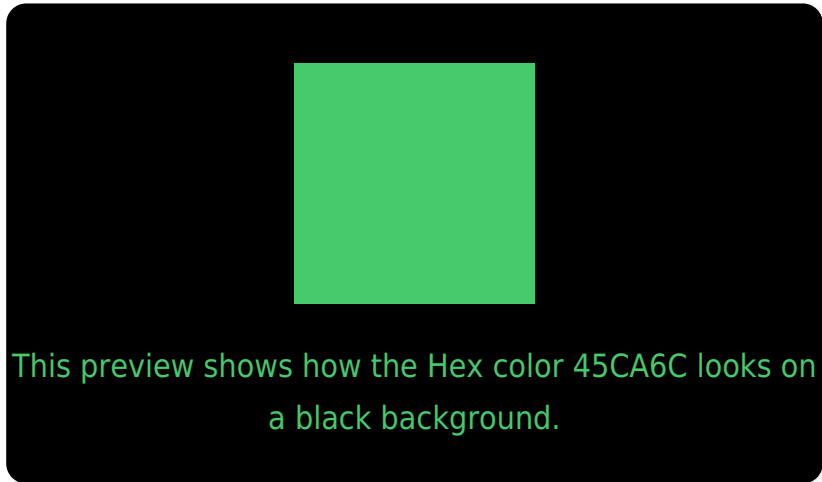
Large Text (above 18pt) WCAG AA × Fail

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

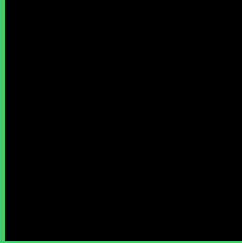
Any Text WCAG AA ✓ Pass

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 45CA6C Background



This preview shows how black text looks on a background with the Hex color 45CA6C.

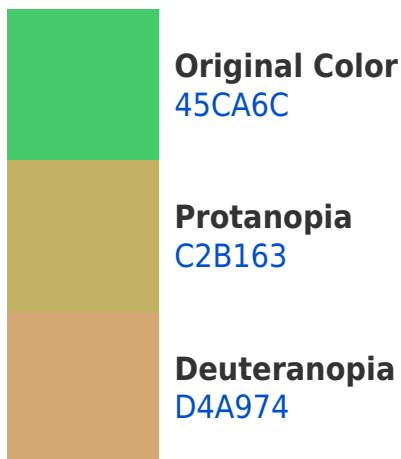


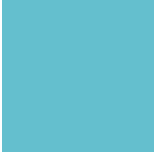
This preview shows how white text looks on a background with the Hex color 45CA6C.

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](#).

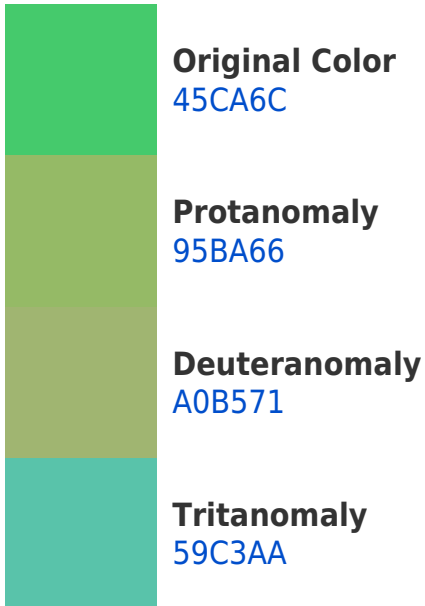
Dichromacy



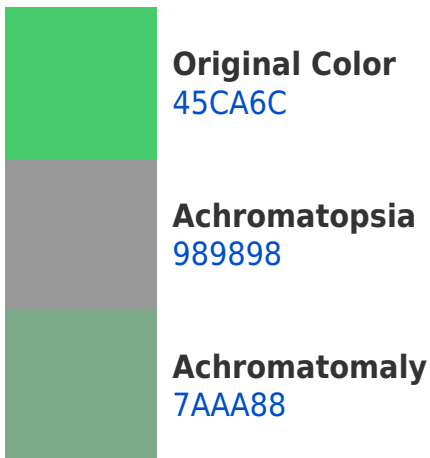


Tritanopia
64BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45CA6C 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 #45CA6C looks like.

```
.text, #text, p{  
    color:#45CA6C  
}
```

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 #45CA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45CA6C
}
```

Border

The CSS property to change the border of an element to Hex 45CA6C 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
#45CA6C }
```

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

```
.border{ border-color:#45CA6C }
```

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

Here you see how a box with a 4 pixel #45CA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45CA6C; -webkit-box-shadow:4px 4px  
4px 4px #45CA6C; box-shadow:4px 4px 4px  
4px #45CA6C }
```

Background

The CSS property to change the background color of an element to Hex 45CA6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45CA6C }
```

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

```
.background{ background-color:#45CA6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor