

# Converting Colors

Hex(45C365)

Have a look what the booklet for  
Hex(45C365) contains.

<b>Hex(45C365)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(45C365)

# Conversions

## Conversions Part 1

Format	Color
Hex	45C365
RGB	69, 195, 101
RGB Percent	27%, 76%, 40%
CMY	0.7294, 0.2353, 0.6039
CMYK	0.65, 0.00, 0.48, 0.24
HSL	135°, 51%, 52%
HSV	135°, 65%, 76%
XYZ	24.3183, 41.2350, 18.9894
YIQ	146.6100, -44.9220, -55.9460

# Conversions

## Conversions Part 2

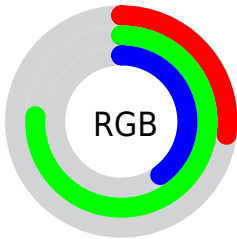
Format	Color
<a href="#">RYB</a>	<a href="#">69, 169, 195</a>
Decimal	<a href="#">4572005</a>
CIELab	<a href="#">70.34, -54.74, 37.12</a>
CIELCh	<a href="#">70, 66.136, 145.855</a>
Yxy	<a href="#">41.2350, 0.2876, 0.4877</a>
Android (android.graphics.Color)	<a href="#">4282762085 (0xFF45C365)</a>
YUV	<a href="#">146.6100, -22.4857, -68.0640</a>
Hunter-Lab	<a href="#">64.2145, -44.7766, 27.4170</a>

# Details

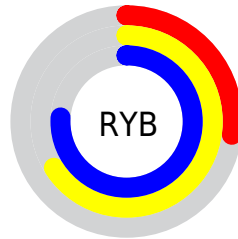
The Hex color **45C365** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C345A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **82FD99**, and **008C33** is the 20% darker color. If you saturate the color by 10%, you get **31C356**, and if you desaturate by 10%, it is **59C374**.

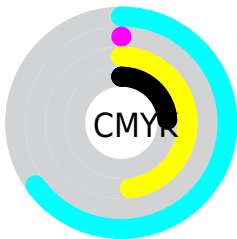
# Distribution



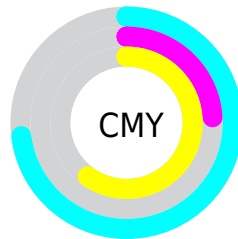
- Red (27%)
- Green (76%)
- Blue (40%)



- Red (27%)
- Yellow (66%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (48%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45C365 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 45C365 by changing the saturation by 10% instead.



 45C365

 45C365

FFFFFF

 1EA74C

 82FD99

 008C33

 A0FFB5

 00721A

 BDFFD1

 005800

 DBFFED

 003F00

 F9FFFF

 002900

 000200

 000000

 45C365

 45C365

 31C356

 59C374

 1EC348

 6CC382

 0BC339

 80C391

 00C332

 93C39F

 A7C3AE

 BAC3BC

 CEC3CB

 E1C3D9

 F4C3E8

# Harmonies

## Analogous

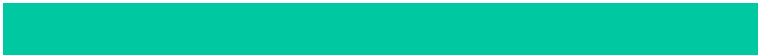
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98B835



45C365



00C8A1

# Triad

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



45C365



00B5FF



FF797B

# Complementary

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



45C365



C345A3

# 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.



FF74B7



45C365



9EA0FF

# Square

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



45C365



00C3FF



ED86F0



FF8F48

# Rectangle

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



45C365



00C9CB



ED86F0



FF758F

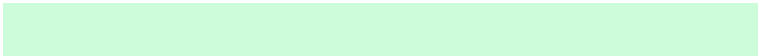


# Sweetspot

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



45C365



CCFCD9



A3C345



62806A



000000



808080



# Same Dimension

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



45C365



38FC6A



45C3A3



57615A



00A129



002108



# Inverse Universe

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



C345A3



FC38CA



C34565



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color 45C365 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 45C365 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

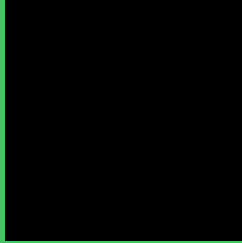
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 45C365 Background



This preview shows how black text looks on a background with the Hex color 45C365.

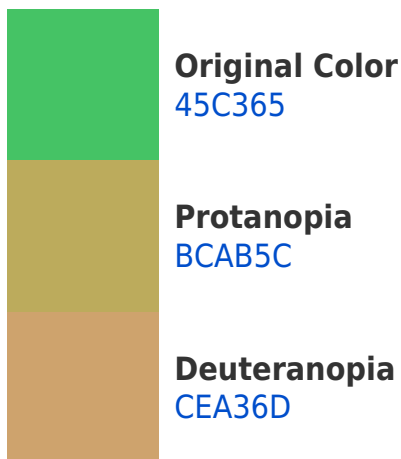


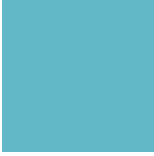
This preview shows how white text looks on a background with the Hex color 45C365.

# 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**  
62B8C7

# Trichromacy



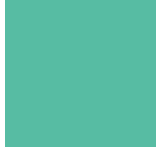
**Original Color**  
45C365



**Protanomaly**  
91B45F



**Deuteranomaly**  
9CAF6A



**Tritanomaly**  
57BCA3

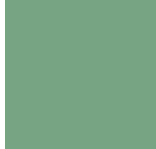
# Monochromacy



**Original Color**  
45C365



**Achromatopsia**  
939393



**Achromatomaly**  
77A482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45C365 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 #45C365 looks like.

```
.text, #text, p{  
    color:#45C365  
}
```

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 #45C365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C365
}
```

## Border

The CSS property to change the border of an element to Hex 45C365 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
#45C365 }
```

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

```
.border{ border-color:#45C365 }
```

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

Here you see how a box with a 4 pixel #45C365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C365; -webkit-box-shadow:4px 4px  
4px 4px #45C365; box-shadow:4px 4px 4px  
4px #45C365 }
```

# Background

The CSS property to change the background color of an element to Hex 45C365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C365 }
```

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

```
.background{ background-color:#45C365 }
```

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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