

# Converting Colors

Hex(45C35D)

Have a look what the booklet for  
Hex(45C35D) contains.

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**Color**

**Hex(45C35D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45C35D
RGB	69, 195, 93
RGB Percent	27%, 76%, 36%
CMY	0.7294, 0.2353, 0.6353
CMYK	0.65, 0.00, 0.52, 0.24
HSL	131°, 51%, 52%
HSV	131°, 65%, 76%
XYZ	23.9451, 41.0857, 17.0242
YIQ	145.6980, -42.3540, -58.4340

# Conversions

## Conversions Part 2

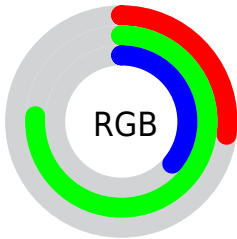
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 175, 195
Decimal	4571997
CIELab	70.24, -55.92, 40.94
CIELCh	70, 69.301, 143.792
Yxy	41.0857, 0.2918, 0.5007
Android (android.graphics.Color)	4282762077 (0xFF45C35D)
YUV	145.6980, -25.9801, -67.2641
Hunter-Lab	64.0982, -45.4896, 29.1215

# Details

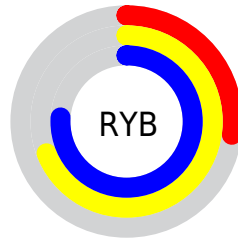
The Hex color **45C35D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C345AB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **82FD91**, and **008C2B** is the 20% darker color. If you saturate the color by 10%, you get **31C34D**, and if you desaturate by 10%, it is **59C36D**.

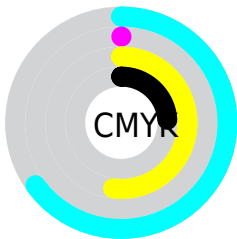
# Distribution



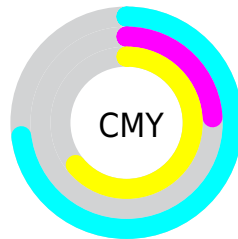
- Red (27%)
- Green (76%)
- Blue (36%)



- Red (27%)
- Yellow (69%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (52%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45C35D 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 45C35D by changing the saturation by 10% instead.



 45C35D

 45C35D

FFFFFF

 1EA744

 82FD91

 008C2B

 A0FFAD

 00720F

 BDFFC8

 005800

 DBFFE5

 003F00

 F9FFFF

 002900

 000200

 000000

 45C35D

 45C35D

 31C34D

 59C36D

 1EC33D

 6CC37D

 0BC32E

 80C38C

 00C325

 93C39C

 A7C3AC

 BAC3BC

 CEC3CC

 E1C3DB

 F4C3EB

# Harmonies

## Analogous

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



9BB729



45C35D



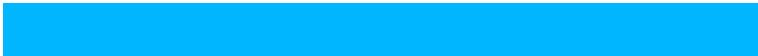
00C99C

# Triad

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



45C35D



00B7FF



FF747D

# Complementary

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



45C35D



C345AB

# 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.



FF70BC



45C35D



94A1FF

# Square

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



45C35D



00C4FF



EB85F7



FF8B46

# Rectangle

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



45C35D



00CAC8



EB85F7



FF6F91

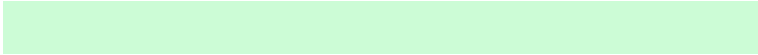


# Sweetspot

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



45C35D



CCFCD6



ACC345



628068



000000



808080



# Same Dimension

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



45C35D



38FC5D



45C39B



576159



00A11F



002106



# Inverse Universe

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



C345AB



FC38D7



C3456D



61575F



A10082



21001B



# Previews

## White Background



This preview shows how the Hex color 45C35D looks on a white background.

## Color Contrast Check

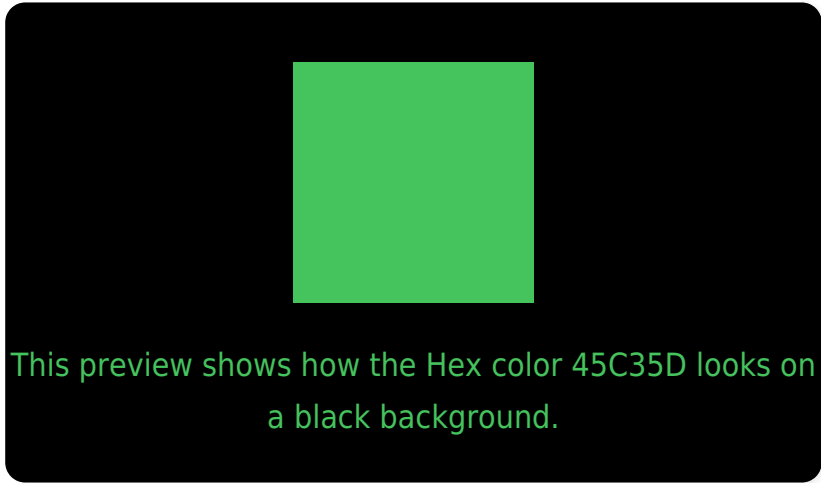
Large Text (above 18pt) WCAG AA × Fail

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

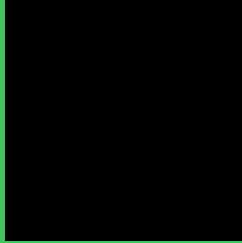
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45C35D Background



This preview shows how black text looks on a background with the Hex color 45C35D.

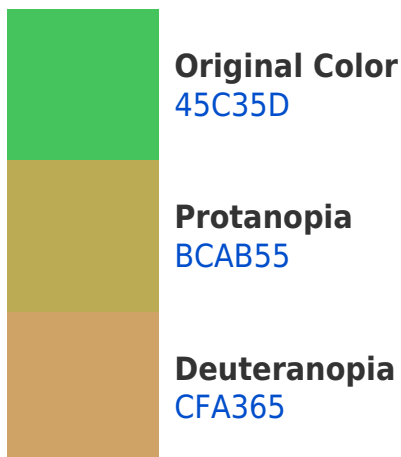


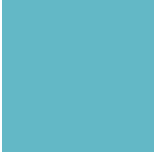
This preview shows how white text looks on a background with the Hex color 45C35D.

# 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](#).

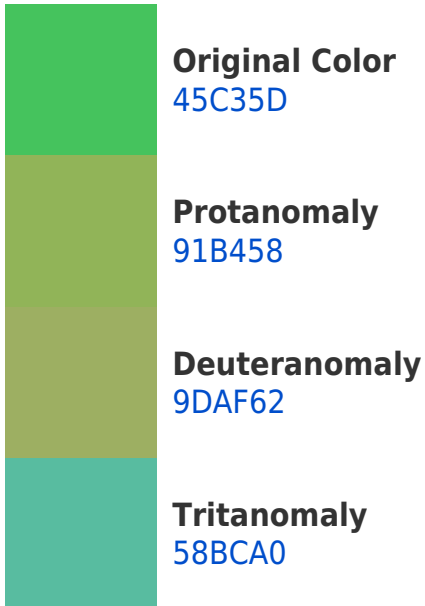
## Dichromacy



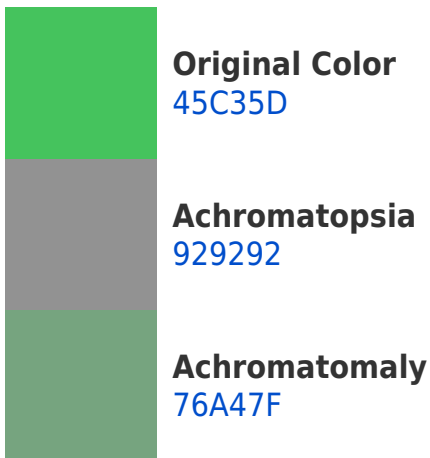


**Tritanopia**  
63B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45C35D 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 #45C35D looks like.

```
.text, #text, p{  
    color:#45C35D  
}
```

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 #45C35D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C35D
}
```

## Border

The CSS property to change the border of an element to Hex 45C35D 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
#45C35D }
```

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

```
.border{ border-color:#45C35D }
```

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

Here you see how a box with a 4 pixel #45C35D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C35D; -webkit-box-shadow:4px 4px  
4px 4px #45C35D; box-shadow:4px 4px 4px  
4px #45C35D }
```

# Background

The CSS property to change the background color of an element to Hex 45C35D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C35D }
```

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

```
.background{ background-color:#45C35D }
```

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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