

# Converting Colors

Hex(47CE25)

Have a look what the booklet for  
Hex(47CE25) contains.

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**Color**

**Hex(47CE25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47CE25
RGB	71, 206, 37
RGB Percent	28%, 81%, 15%
CMY	0.7216, 0.1922, 0.8549
CMYK	0.66, 0.00, 0.82, 0.19
HSL	108°, 70%, 48%
HSV	108°, 82%, 81%
XYZ	25.0038, 45.6158, 9.2372
YIQ	146.3690, -26.2110, -81.1790

# Conversions

## Conversions Part 2

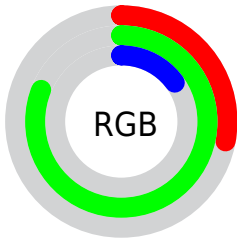
Format	Color
<a href="#">RYB</a>	<a href="#">37, 206, 172</a>
Decimal	<a href="#">4705829</a>
CIELab	<a href="#">73.30, -64.52, 66.08</a>
CIELCh	<a href="#">73, 92.353, 134.316</a>
Yxy	<a href="#">45.6158, 0.3131, 0.5712</a>
Android (android.graphics.Color)	<a href="#">4282895909 (0xFF47CE25)</a>
YUV	<a href="#">146.3690, -53.9189, -66.0986</a>
Hunter-Lab	<a href="#">67.5395, -52.1116, 39.1687</a>

# Details

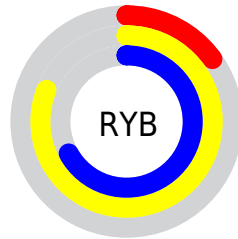
The Hex color **47CE25** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **AC25CE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **88FF62**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **37CE10**, and if you desaturate by 10%, it is **57CE3A**.

# Distribution



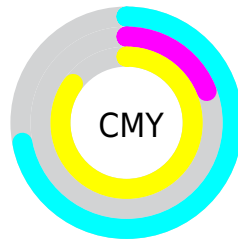
- Red (28%)
- Green (81%)
- Blue (15%)



- Red (15%)
- Yellow (81%)
- Blue (67%)



- Cyan (66%)
- Magenta (0%)
- Yellow (82%)
- Black (19%)



- Cyan (72%)
- Magenta (19%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47CE25 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 47CE25 by changing the saturation by 10% instead.



 47CE25

 47CE25

FFFFFF

 1AB200


 88FF62

 009600

 A7FF7E

 007B00

 C5FF9A

 006100

 E4FFB7

 004800

 FFFFD4

 003100

 FFFFF1

 001400

 000000

 47CE25

 47CE25

■ 37CE10

■ 57CE3A

■ 29CE00

■ 68CE4E

■ 78CE63

■ 89CE77

■ 99CE8C

■ AACEA1

■ BACEB5

■ CBCECA

■ DBCEDE

# Harmonies

## Analogous

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



B3BD00



47CE25



00D783

# Triad

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



47CE25



00CAFF



FF518F

# Complementary

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



47CE25



AC25CE

# 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.



FF5BE4



47CE25



00B1FF

# Square

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



47CE25



00D6FF



E988FF



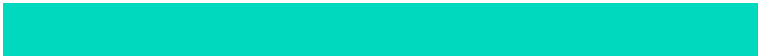
FF773E

# Rectangle

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



47CE25



00D9BE



E988FF



FF4DAC

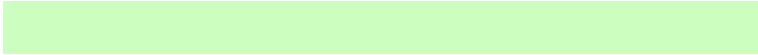


# Sweetspot

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



47CE25



CCFFBF



CEA925



618059



000000



808080



# Same Dimension

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



47CE25



37FF05



25CE55



5E665C



21A600



082600



# Inverse Universe

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



AC25CE



CD05FF



CE259E



645C66



8400A6

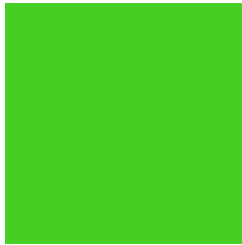


1F0026



# Previews

## White Background



This preview shows how the Hex color 47CE25 looks on a white background.

## Color Contrast Check

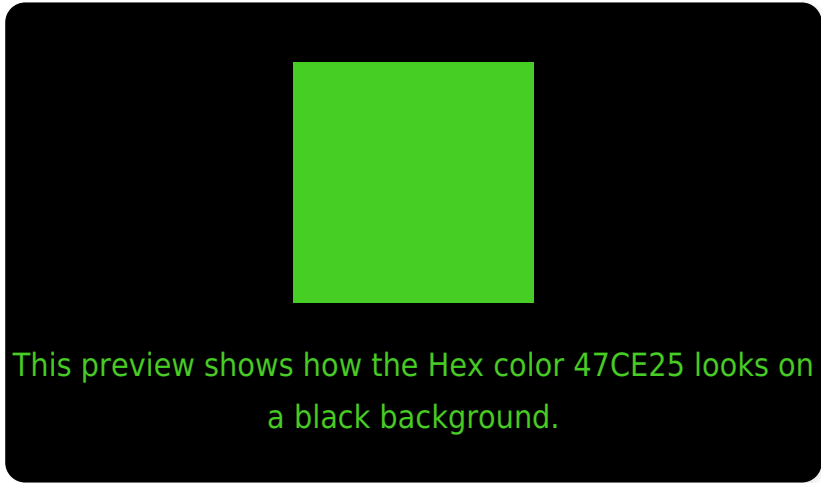
Large Text (above 18pt) WCAG AA × Fail

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

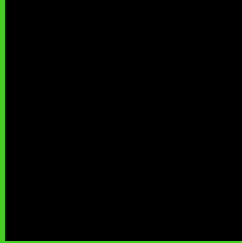
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 47CE25 Background



This preview shows how black text looks on a background with the Hex color 47CE25.

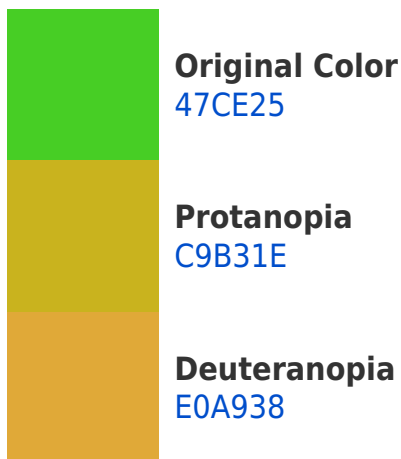


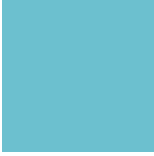
This preview shows how white text looks on a background with the Hex color 47CE25.

# 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**  
6CC0CF

# Trichromacy



**Original Color**

47CE25



**Protanomaly**

9ABD21



**Deuteranomaly**

A8B631



**Tritanomaly**

5FC591

# Monochromacy



**Original Color**

47CE25



**Achromatopsia**

929292



**Achromatomaly**

77A86A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47CE25 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 #47CE25 looks like.

```
.text, #text, p{  
    color:#47CE25  
}
```

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 #47CE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CE25
}
```

## Border

The CSS property to change the border of an element to Hex 47CE25 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
#47CE25 }
```

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

```
.border{ border-color:#47CE25 }
```

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

Here you see how a box with a 4 pixel #47CE25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CE25; -webkit-box-shadow:4px 4px  
4px 4px #47CE25; box-shadow:4px 4px 4px  
4px #47CE25 }
```

# Background

The CSS property to change the background color of an element to Hex 47CE25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CE25 }
```

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

```
.background{ background-color:#47CE25 }
```

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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