

Converting Colors

Hex(47AC41)

Have a look what the booklet for
Hex(47AC41) contains.

Hex(47AC41)	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(47AC41)

Conversions

Conversions Part 1

Format	Color
Hex	47AC41
RGB	71, 172, 65
RGB Percent	28%, 67%, 25%
CMY	0.7216, 0.3255, 0.7451
CMYK	0.59, 0.00, 0.62, 0.33
HSL	117°, 45%, 46%
HSV	117°, 62%, 67%
XYZ	18.3052, 31.2263, 10.0635
YIQ	129.6030, -25.8490, -54.6890

Conversions

Conversions Part 2

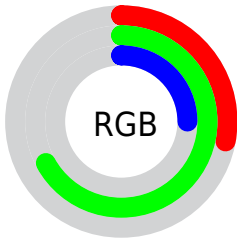
Format	Color
RYB	65, 172, 166
Decimal	4697153
CIELab	62.70, -50.47, 45.26
CIELCh	63, 67.793, 138.115
Yxy	31.2263, 0.3072, 0.5240
Android (android.graphics.Color)	4282887233 (0xFF47AC41)
YUV	129.6030, -31.8493, -51.3948
Hunter-Lab	55.8805, -39.3183, 28.4388

Details

The Hex color **47AC41** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A641AC**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **81E475**, and **007707** is the 20% darker color. If you saturate the color by 10%, you get **37AC30**, and if you desaturate by 10%, it is **57AC52**.

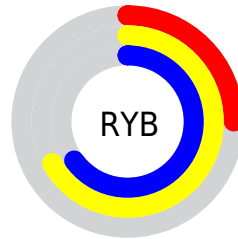
Distribution



Red (28%)

Green (67%)

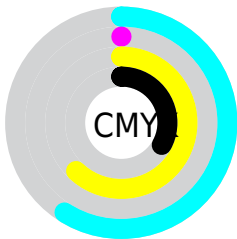
Blue (25%)



Red (25%)

Yellow (67%)

Blue (65%)

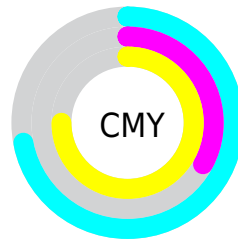


Cyan (59%)

Magenta (0%)

Yellow (62%)

Black (33%)



Cyan (72%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47AC41 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 47AC41 by changing the saturation by 10% instead.

■ 47AC41

■ 47AC41

FFFFFF

■ 269127

■ 81E475

■ 007707

■ 9EFF8F

■ 005D00

■ BBFFAB

■ 004400

■ D8FFC7

■ 002E00

■ F6FFE3

■ 001100

■ 000000

■ 47AC41

■ 47AC41

■ 37AC30

■ 57AC52

 27AC1F

 67AC63

 16AC0D

 78AC75

 0AAC00

 88AC86

 98AC97

 A8ACA8

 B9ACB9

 C9ACCB

 D9ACDC

Harmonies

Analogous

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



92A007



47AC41



00B27D

Triad

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



47AC41



00A6FF



FF5D76

Complementary

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



47AC41



A641AC

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.



F85FB2



47AC41



6492FF

Square

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



47AC41



00B0F0



C877E9



F1733F

Rectangle

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



47AC41



00B4A7



C877E9



FF5A8A

Sweetspot

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



47AC41



B8E0B6



ACA541



587056



F0F0F0



707070

Same Dimension

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



47AC41



42E038



41AC6F



4F574E



089600



011700

Inverse Universe

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



A641AC



D738E0



AC417E



564E57



8E0096



160017

Previews

White Background



This preview shows how the Hex color 47AC41 looks on a white background.

Color Contrast Check

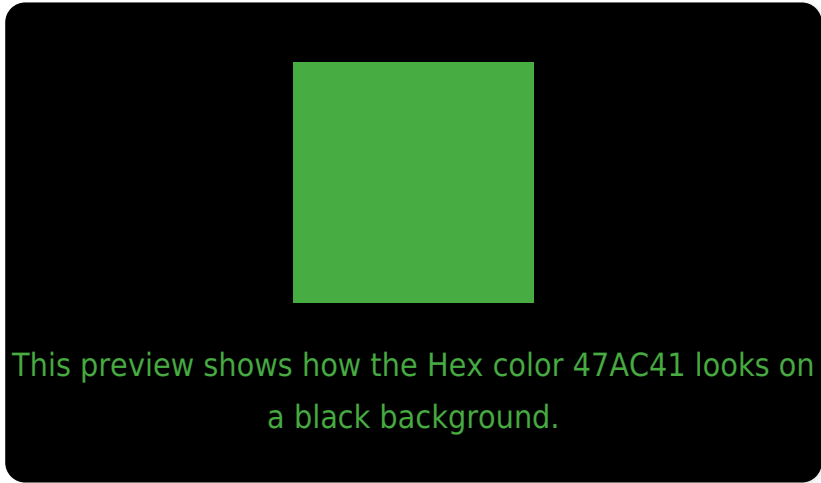
Large Text (above 18pt) WCAG AA × Fail

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

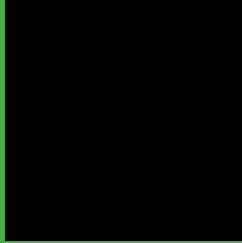
Any Text WCAG AA ✓ Pass

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 47AC41 Background



This preview shows how black text looks on a background with the Hex color 47AC41.



This preview shows how white text looks on a background with the Hex color 47AC41.

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



Original Color
47AC41

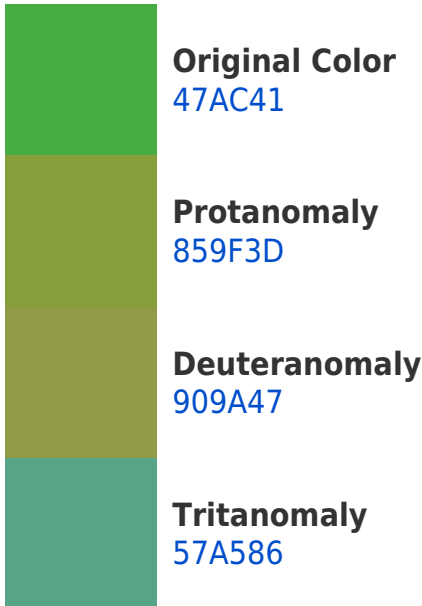
Protanopia
A8973B

Deuteranopia
BA8F4A

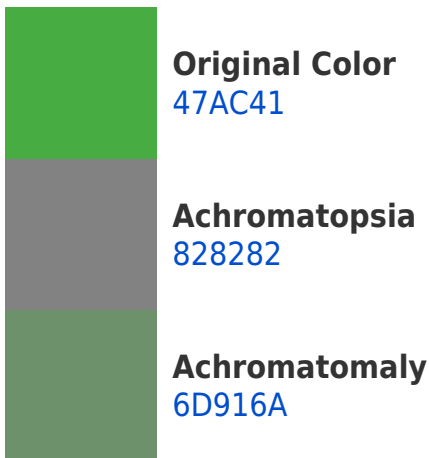


Tritanopia
60A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47AC41 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 #47AC41 looks like.

```
.text, #text, p{  
    color:#47AC41  
}
```

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 #47AC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47AC41
}
```

Border

The CSS property to change the border of an element to Hex 47AC41 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
#47AC41 }
```

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

```
.border{ border-color:#47AC41 }
```

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

Here you see how a box with a 4 pixel #47AC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47AC41; -webkit-box-shadow:4px 4px  
4px 4px #47AC41; box-shadow:4px 4px 4px  
4px #47AC41 }
```

Background

The CSS property to change the background color of an element to Hex 47AC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47AC41 }
```

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

```
.background{ background-color:#47AC41 }
```

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