

Converting Colors

Hex(47BC05)

Have a look what the booklet for
Hex(47BC05) contains.

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Color

Hex(47BC05)

Conversions

Conversions Part 1

Format	Color
Hex	47BC05
RGB	71, 188, 5
RGB Percent	28%, 74%, 2%
CMY	0.7216, 0.2627, 0.9804
CMYK	0.62, 0.00, 0.97, 0.26
HSL	98°, 95%, 38%
HSV	98°, 97%, 74%
XYZ	20.6091, 37.3170, 6.2603
YIQ	132.1550, -10.9890, -81.7170

Conversions

Conversions Part 2

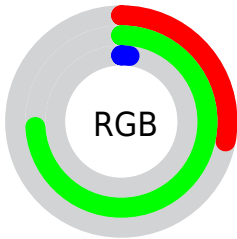
Format	Color
RYB	5, 188, 122
Decimal	4701189
CIELab	67.51, -59.59, 66.80
CIElCh	68, 89.515, 131.736
Yxy	37.3170, 0.3211, 0.5814
Android (android.graphics.Color)	4282891269 (0xFF47BC05)
YUV	132.1550, -62.6874, -53.6329
Hunter-Lab	61.0876, -46.6828, 36.6853

Details

The Hex color **47BC05** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7A05BC**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **86F550**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **44BC00**, and if you desaturate by 10%, it is **53BC18**.

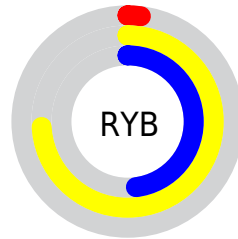
Distribution



Red (28%)

Green (74%)

Blue (2%)



Red (2%)

Yellow (74%)

Blue (48%)

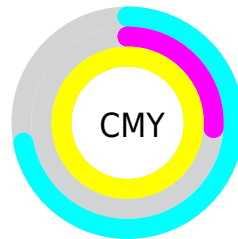


Cyan (62%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (72%)

Magenta (26%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47BC05 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 47BC05 by changing the saturation by 10% instead.

 47BC05

 47BC05

FFFFFF

 1FA000

 86F550

 008500

 A4FF6C

 006B00

 C2FF88

 005200

 E0FFA5

 003900

 FEFFC1

 002200

 FFFFDF

 000000

 FFFFFC

 47BC05

 47BC05

 44BC00

 53BC18

 5FBC2B

 6BBC3D

 77BC50

 83BC63

 8FBC76

 9BBC89

 A7BC9B

 B3BCAE

Harmonies

Analogous

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



A9AB00



47BC05



00C56E

Triad

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



47BC05



00BBFF



FF4088

Complementary

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



47BC05



7A05BC

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.



FF50D9



47BC05



00A4FF

Square

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



47BC05



00C6FF



CD7EFF



FF653B

Rectangle

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



47BC05



00C7A7



CD7EFF



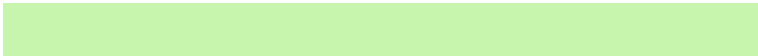
FF3DA3

Sweetspot

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



47BC05



C7F5AE



BC7905



5F7A50



FAFAFA



7A7A7A

Same Dimension

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



47BC05



58F500



05BC1D



585E55



399E00



0B1F00

Inverse Universe

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



7A05BC



9D00F5



BC05A4



5B555E



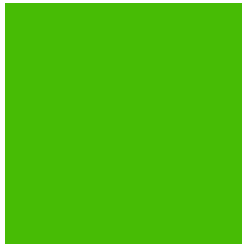
65009E



14001F

Previews

White Background



This preview shows how the Hex color 47BC05 looks on a white background.

Color Contrast Check

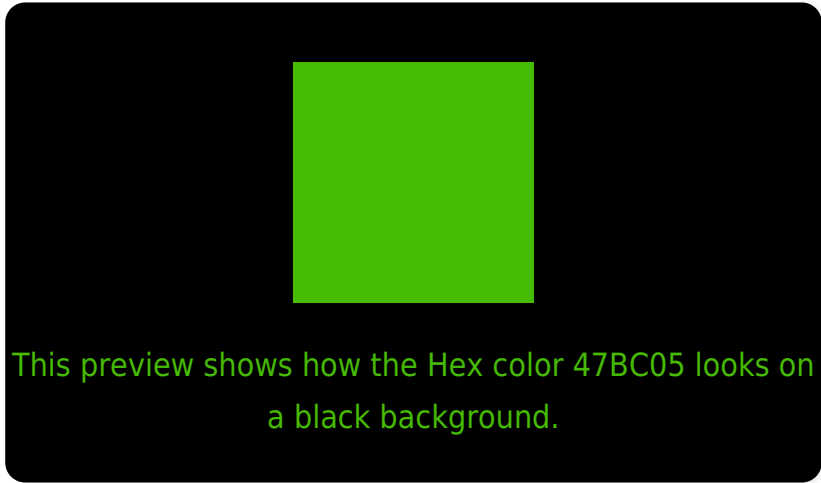
Large Text (above 18pt) WCAG AA × Fail

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 47BC05 Background



This preview shows how black text looks on a background with the Hex color 47BC05.

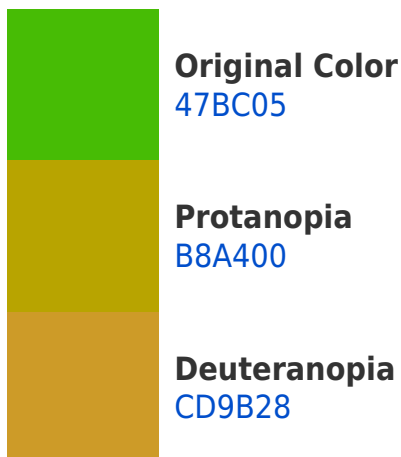


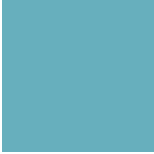
This preview shows how white text looks on a background with the Hex color 47BC05.

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](#).

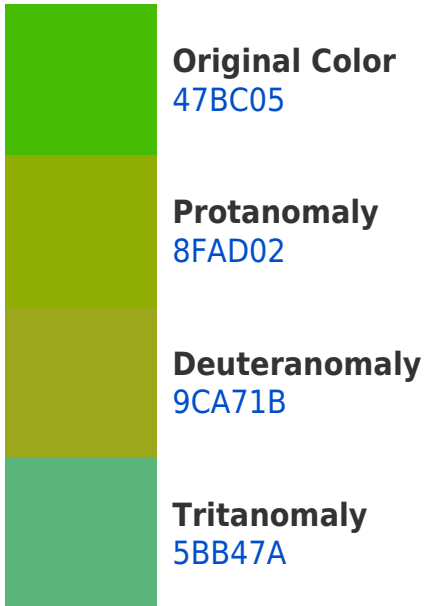
Dichromacy



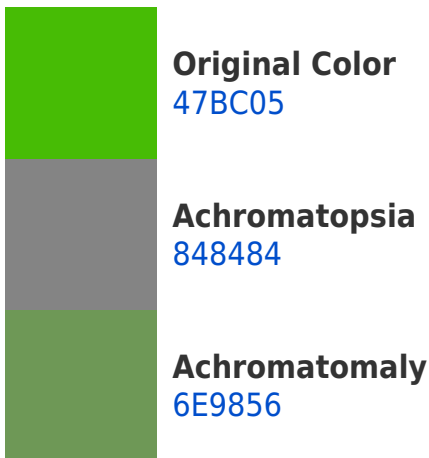


Tritanopia
67AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BC05 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 #47BC05 looks like.

```
.text, #text, p{  
    color:#47BC05  
}
```

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 #47BC05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BC05
}
```

Border

The CSS property to change the border of an element to Hex 47BC05 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
#47BC05 }
```

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

```
.border{ border-color:#47BC05 }
```

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

Here you see how a box with a 4 pixel #47BC05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BC05; -webkit-box-shadow:4px 4px  
4px 4px #47BC05; box-shadow:4px 4px 4px  
4px #47BC05 }
```

Background

The CSS property to change the background color of an element to Hex 47BC05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BC05 }
```

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

```
.background{ background-color:#47BC05 }
```

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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