

Converting Colors

Hex(47A200)

Have a look what the booklet for
Hex(47A200) contains.

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Color

Hex(47A200)

Conversions

Conversions Part 1

Format	Color
Hex	47A200
RGB	71, 162, 0
RGB Percent	28%, 64%, 0%
CMY	0.7216, 0.3647, 1.0000
CMYK	0.56, 0.00, 1.00, 0.36
HSL	94°, 100%, 32%
HSV	94°, 100%, 64%
XYZ	15.5189, 27.1803, 4.4284
YIQ	116.3230, -2.2340, -69.6740

Conversions

Conversions Part 2

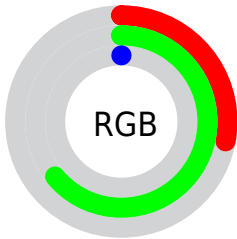
Format	Color
RYB	0, 162, 91
Decimal	4694528
CIELab	59.14, -50.60, 60.77
CIELCh	59, 79.082, 129.781
Yxy	27.1803, 0.3293, 0.5767
Android (android.graphics.Color)	4282884608 (0xFF47A200)
YUV	116.3230, -57.3472, -39.7483
Hunter-Lab	52.1347, -38.1018, 31.4581

Details

The Hex color **47A200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5B00A2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82DA48**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **47A200**, and if you desaturate by 10%, it is **50A210**.

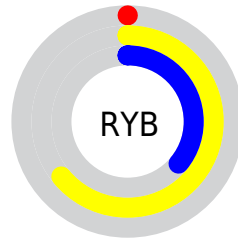
Distribution



Red (28%)

Green (64%)

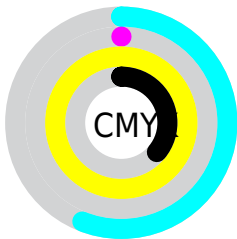
Blue (0%)



Red (0%)

Yellow (64%)

Blue (36%)

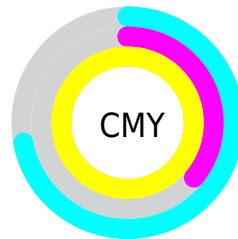


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (72%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A200 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 47A200 by changing the saturation by 10% instead.

 47A200

 47A200

FFFFFF

 268700

 82DA48

 006D00

 9FF764

 005400

 BCFF7F

 003C00

 D9FF9B

 002600

 F7FFB7

 000000

 FFFFD4

 FFFFF1

 47A200

 50A210

 59A220

 62A231

 6BA241

 75A251

 7EA261

 87A271

 90A282

 99A292

Harmonies

Analogous

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



979300



47A200



00AA5B

Triad

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



47A200



00A3FF



FF397B

Complementary

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



47A200



5B00A2

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.



F049C0



47A200



0090FF

Square

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



47A200



00ABE6



AB70FA



F95638

Rectangle

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



47A200



00AC8C



AB70FA



FF3892

Sweetspot

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



47A200



B0D494



A25900



556B45



EBEBEB



6B6B6B

Same Dimension

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



47A200



5DD400



00A208



4D5249



409100



081200

Inverse Universe

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



5B00A2



7700D4



A2009A



4E4952



520091



0A0012

Previews

White Background



This preview shows how the Hex color 47A200 looks on a white background.

Color Contrast Check

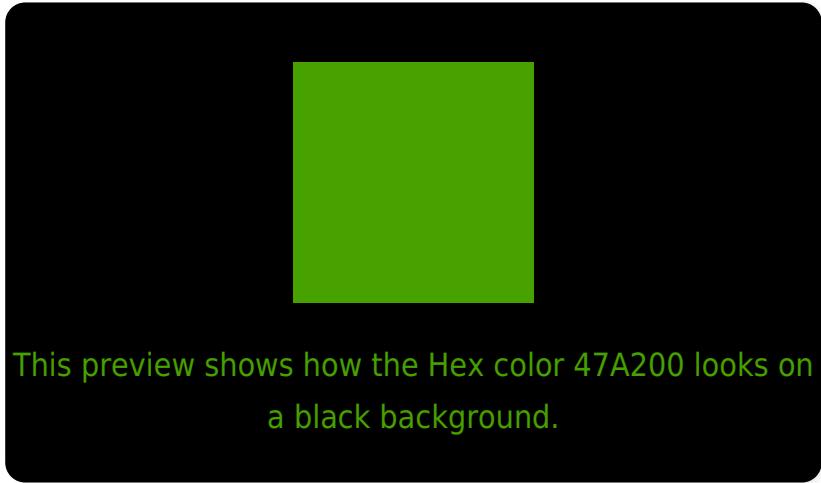
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 47A200 Background



This preview shows how black text looks on a background with the Hex color 47A200.

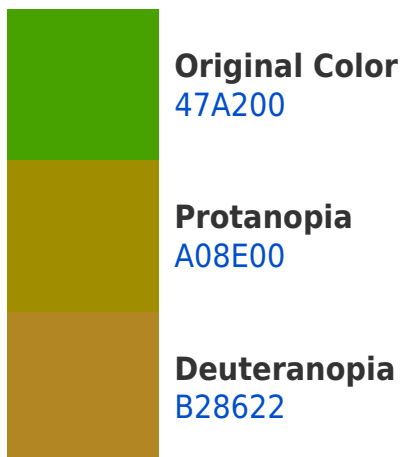


This preview shows how white text looks on a background with the Hex color 47A200.

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](#).

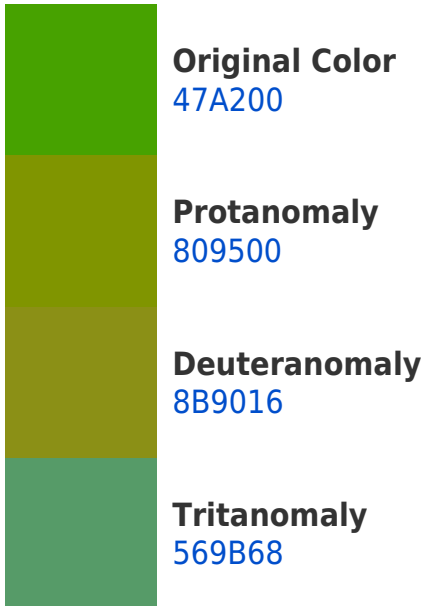
Dichromacy



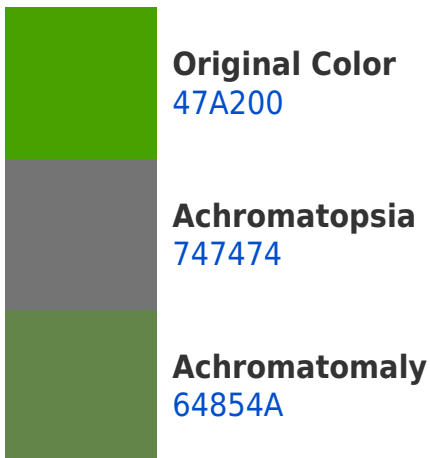


Tritanopia
5F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47A200 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 #47A200 looks like.

```
.text, #text, p{  
    color:#47A200  
}
```

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 #47A200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A200
}
```

Border

The CSS property to change the border of an element to Hex 47A200 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
#47A200 }
```

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

```
.border{ border-color:#47A200 }
```

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

Here you see how a box with a 4 pixel #47A200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A200; -webkit-box-shadow:4px 4px  
4px 4px #47A200; box-shadow:4px 4px 4px  
4px #47A200 }
```

Background

The CSS property to change the background color of an element to Hex 47A200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A200 }
```

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

```
.background{ background-color:#47A200 }
```

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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