

Converting Colors

Hex(47A202)

Have a look what the booklet for
Hex(47A202) contains.

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Color

Hex(47A202)

Conversions

Conversions Part 1

Format	Color
Hex	47A202
RGB	71, 162, 2
RGB Percent	28%, 64%, 1%
CMY	0.7216, 0.3647, 0.9922
CMYK	0.56, 0.00, 0.99, 0.36
HSL	94°, 98%, 32%
HSV	94°, 99%, 64%
XYZ	15.5298, 27.1846, 4.4861
YIQ	116.5510, -2.8760, -69.0520

Conversions

Conversions Part 2

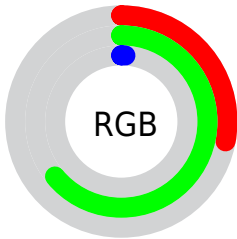
Format	Color
R_{YB}	2, 162, 93
Decimal	4694530
CIE _{Lab}	59.14, -50.55, 60.48
CIE _{LCh}	59, 78.829, 129.890
Yxy	27.1846, 0.3290, 0.5759
Android (android.graphics.Color)	4282884610 (0xFF47A202)
YUV	116.5510, -56.4736, -39.9482
Hunter-Lab	52.1389, -38.0760, 31.3958

Details

The Hex color **47A202** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5D02A2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82DA49**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **46A200**, and if you desaturate by 10%, it is **50A212**.

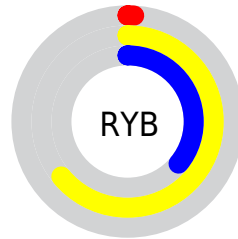
Distribution



Red (28%)

Green (64%)

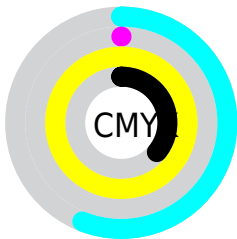
Blue (1%)



Red (1%)

Yellow (64%)

Blue (36%)

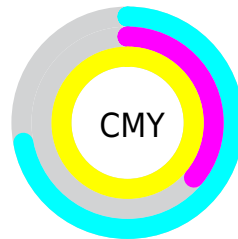


Cyan (56%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (72%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47A202 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 47A202 by changing the saturation by 10% instead.



47A202



47A202

FFFFFF



268700



82DA49



006D00



9EF765



005400



BCFF80



003C00



D9FF9C



002600



F7FFB8



000000



FFFFD5



FFFFF2



47A202



47A202

■ 46A200

■ 50A212

■ 59A222

■ 63A233

■ 6CA243

■ 75A253

■ 7EA263

■ 87A273

■ 91A284

■ 9AA294

Harmonies

Analogous

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



979300



47A202



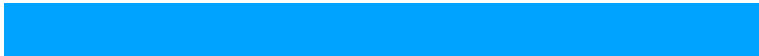
00AA5C

Triad

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



47A202



00A3FF



FF3A7B

Complementary

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



47A202



5D02A2

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



47A202



0090FF

Square

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



47A202



00ABE6



AC70FA



F95738

Rectangle

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



47A202



00AC8C



AC70FA



FF3992

Sweetspot

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



47A202



B0D494



A25D02



556B45



EBEBEB



6B6B6B

Same Dimension

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



47A202



5BD400



02A20D



4D5249



3F9100



081200

Inverse Universe

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



5D02A2



7800D4



A20297



4E4952



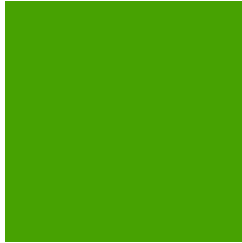
530091



0A0012

Previews

White Background



This preview shows how the Hex color 47A202 looks on a white background.

Color Contrast Check

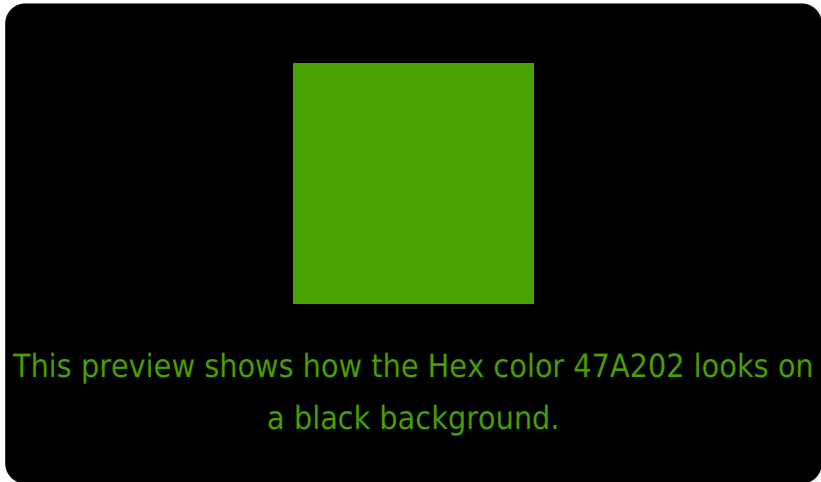
Large Text (above 18pt) WCAG AA ✓ Pass

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 47A202 Background



This preview shows how black text looks on a background with the Hex color 47A202.



This preview shows how white text looks on a background with the Hex color 47A202.

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
47A202

Protanopia
A08E00

Deuteranopia
B28622



Tritanopia
5F97A3

Trichromacy



Original Color
47A202



Protanomaly
809501



Deuteranomaly
8B9016



Tritanomaly
569B68

Monochromacy



Original Color
47A202



Achromatopsia
757575



Achromatomaly
64854B

CSS Examples

Text

The CSS property to change the color of the text to Hex 47A202 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 #47A202 looks like.

```
.text, #text, p{  
    color:#47A202  
}
```

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 #47A202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A202
}
```

Border

The CSS property to change the border of an element to Hex 47A202 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
#47A202 }
```

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

```
.border{ border-color:#47A202 }
```

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

Here you see how a box with a 4 pixel #47A202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A202; -webkit-box-shadow:4px 4px  
4px 4px #47A202; box-shadow:4px 4px 4px  
4px #47A202 }
```

Background

The CSS property to change the background color of an element to Hex 47A202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A202 }
```

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

```
.background{ background-color:#47A202 }
```

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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