

Converting Colors

Hex(449920)

Have a look what the booklet for
Hex(449920) contains.

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Color

Hex(449920)

Conversions

Conversions Part 1

Format	Color
Hex	449920
RGB	68, 153, 32
RGB Percent	27%, 60%, 13%
CMY	0.7333, 0.4000, 0.8745
CMYK	0.56, 0.00, 0.79, 0.40
HSL	102°, 65%, 36%
HSV	102°, 79%, 60%
XYZ	14.0358, 24.1157, 5.2815
YIQ	113.7910, -11.8190, -55.6510

Conversions

Conversions Part 2

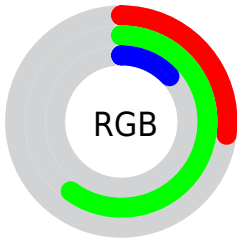
Format	Color
R_{YB}	32, 153, 117
Decimal	4495648
CIE _{Lab}	56.20, -46.94, 51.55
CIE _{LCh}	56, 69.717, 132.320
Yxy	24.1157, 0.3232, 0.5552
Android (android.graphics.Color)	4282685728 (0xFF449920)
YUV	113.7910, -40.3230, -40.1587
Hunter-Lab	49.1077, -34.9201, 27.9988

Details

The Hex color **449920** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **752099**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7DD056**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **399911**, and if you desaturate by 10%, it is **4F992F**.

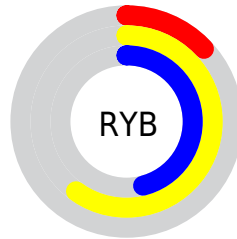
Distribution



Red (27%)

Green (60%)

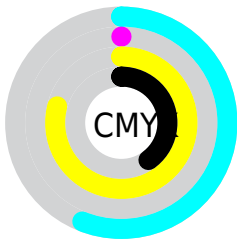
Blue (13%)



Red (13%)

Yellow (60%)

Blue (46%)

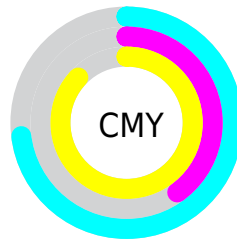


Cyan (56%)

Magenta (0%)

Yellow (79%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449920 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 449920 by changing the saturation by 10% instead.



449920



449920

FFFFFF



247F00



7DD056



006500



99ED71



004C00



B6FF8C



003400



D3FFA7



001E00



F0FFC3



000000



FFFFE0



FFFFFD



449920



449920

■ 399911

■ 4F992F

■ 2F9901

■ 59993F

■ 2E9900

■ 64994E

■ 6F995D

■ 7A996C

■ 84997C

■ 8F998B

■ 9A999A

■ A599AA

Harmonies

Analogous

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



8B8C00



449920



00A05F

Triad

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



449920



0098FB



F24470

Complementary

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



449920



752099

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.



E04CAD



449920



0086FE

Square

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



449920



00A0D7



A86AE1



E45A37

Rectangle

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



449920



00A28A



A86AE1



F04385

Sweetspot

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



449920



A5C797



997520



4F6347



E3E3E3



636363

Same Dimension

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



449920



42C70A



209938



474D45



2A8C00



040D00

Inverse Universe

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



752099



8F0AC7



992081



4A454D



63008C



09000D

Previews

White Background



This preview shows how the Hex color 449920 looks on a white background.

Color Contrast Check

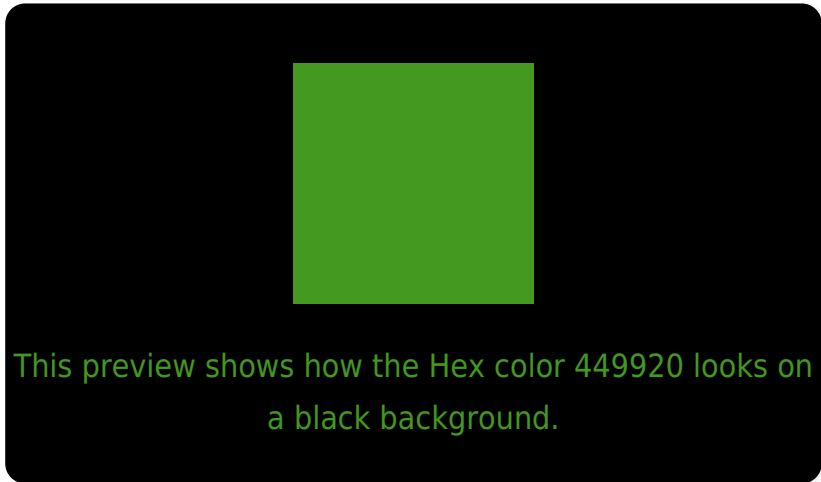
Large Text (above 18pt) WCAG AA ✓ Pass

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 449920 Background



This preview shows how black text looks on a background with the Hex color 449920.



This preview shows how white text looks on a background with the Hex color 449920.

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
449920

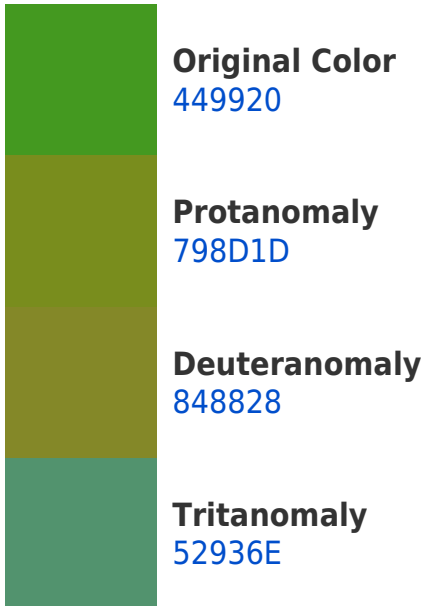
Protanopia
97861B

Deuteranopia
A87F2C

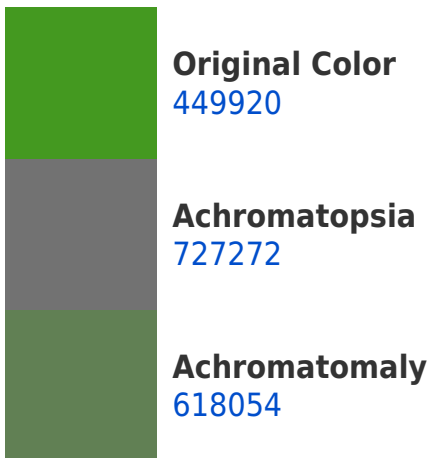


Tritanopia
5A8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 449920 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 #449920 looks like.

```
.text, #text, p{  
    color:#449920  
}
```

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 #449920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449920
}
```

Border

The CSS property to change the border of an element to Hex 449920 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
#449920 }
```

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

```
.border{ border-color:#449920 }
```

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

Here you see how a box with a 4 pixel #449920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449920; -webkit-box-shadow:4px 4px  
4px 4px #449920; box-shadow:4px 4px 4px  
4px #449920 }
```

Background

The CSS property to change the background color of an element to Hex 449920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449920 }
```

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

```
.background{ background-color:#449920 }
```

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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