

Converting Colors

Hex(429634)

Have a look what the booklet for
Hex(429634) contains.

Hex(429634)	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(429634)

Conversions

Conversions Part 1

Format	Color
Hex	429634
RGB	66, 150, 52
RGB Percent	26%, 59%, 20%
CMY	0.7412, 0.4118, 0.7961
CMYK	0.56, 0.00, 0.65, 0.41
HSL	111°, 49%, 40%
HSV	111°, 65%, 59%
XYZ	13.7729, 23.2189, 7.0046
YIQ	113.7120, -18.6060, -48.2860

Conversions

Conversions Part 2

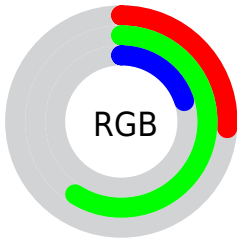
Format	Color
RYB	52, 150, 136
Decimal	4363828
CIELab	55.30, -44.69, 42.79
CIELCh	55, 61.872, 136.247
Yxy	23.2189, 0.3130, 0.5277
Android (android.graphics.Color)	4282553908 (0xFF429634)
YUV	113.7120, -30.4240, -41.8434
Hunter-Lab	48.1860, -33.3050, 25.1114

Details

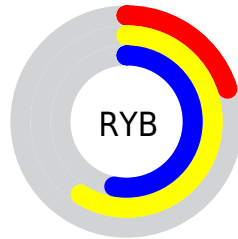
The Hex color **429634** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **883496**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7ACD67**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **359625**, and if you desaturate by 10%, it is **4F9643**.

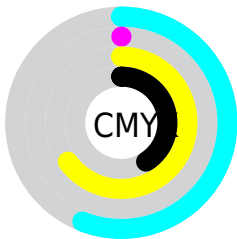
Distribution



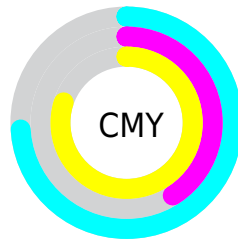
- Red (26%)
- Green (59%)
- Blue (20%)



- Red (20%)
- Yellow (59%)
- Blue (53%)



- Cyan (56%)
- Magenta (0%)
- Yellow (65%)
- Black (41%)



- Cyan (74%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 429634 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 429634 by changing the saturation by 10% instead.

 429634

 429634


FFFFFF

 237C1A


 7ACD67

 006200

 96E981

 004900

 B2FF9C

 003200

 CFFFB7

 001B00

 ECFFD3

 000000

 FFFFF0

 429634

 429634

 359625

 4F9643

 289616

 5C9652

 1B9607

 699661

 159600

 759670

 82967F

 8F968E

 9C969D

 A996AC

 B696BB

Harmonies

Analogous

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



838B00



429634



009C69

Triad

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



429634



0092ED



E44F6A

Complementary

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



429634



883496

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.



D8529F



429634



4D81EC

Square

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



429634



009BD1



AB69CF



D56238

Rectangle

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



429634



009D8E



AB69CF



E44D7B

Sweetspot

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



429634



A1C29B



968734



4D614A



E0E0E0



616161

Same Dimension

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



429634



40C22B



349656



444A43



148A00



010A00

Inverse Universe

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



883496



AC2BC2



963474



49434A



76008A



09000A

Previews

White Background



This preview shows how the Hex color 429634 looks on a white background.

Color Contrast Check

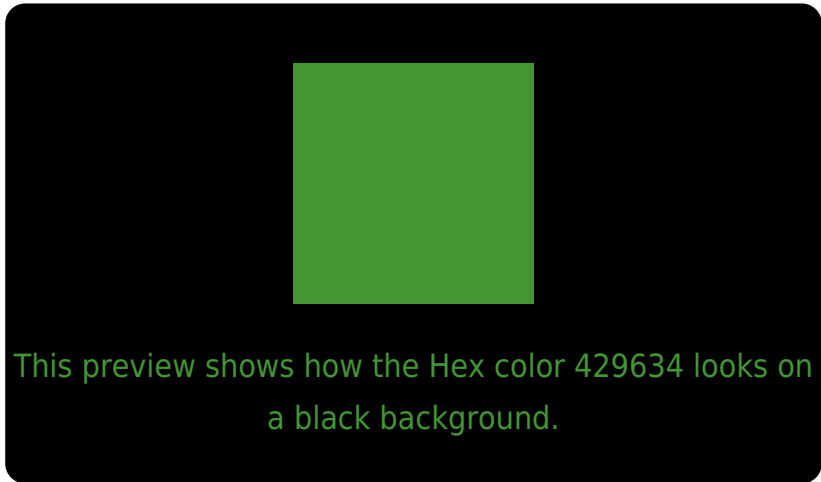
Large Text (above 18pt) WCAG AA ✓ Pass

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 429634 Background



This preview shows how black text looks on a background with the Hex color 429634.



This preview shows how white text looks on a background with the Hex color 429634.

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
429634

Protanopia
93842F

Deuteranopia
A37D3C

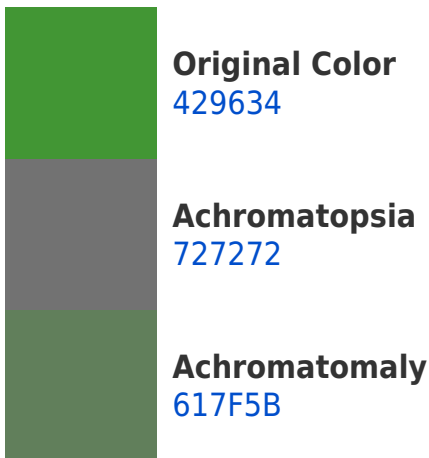


Tritanopia
578C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 429634 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 #429634 looks like.

```
.text, #text, p{  
    color:#429634  
}
```

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 #429634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429634
}
```

Border

The CSS property to change the border of an element to Hex 429634 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
#429634 }
```

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

```
.border{ border-color:#429634 }
```

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

Here you see how a box with a 4 pixel #429634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429634; -webkit-box-shadow:4px 4px  
4px 4px #429634; box-shadow:4px 4px 4px  
4px #429634 }
```

Background

The CSS property to change the background color of an element to Hex 429634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429634 }
```

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

```
.background{ background-color:#429634 }
```

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