

Converting Colors

Hex(489648)

Have a look what the booklet for
Hex(489648) contains.

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Color

Hex(489648)

Conversions

Conversions Part 1

Format	Color
Hex	489648
RGB	72, 150, 72
RGB Percent	28%, 59%, 28%
CMY	0.7176, 0.4118, 0.7176
CMYK	0.52, 0.00, 0.52, 0.41
HSL	120°, 35%, 44%
HSV	120°, 52%, 59%
XYZ	14.7485, 23.6583, 9.9201
YIQ	117.7860, -21.4500, -40.7940

Conversions

Conversions Part 2

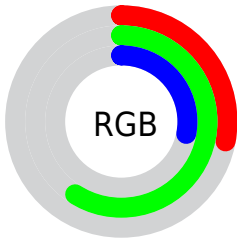
Format	Color
RYB	72, 150, 150
Decimal	4757064
CIELab	55.74, -40.56, 33.70
CIELCh	56, 52.734, 140.275
Yxy	23.6583, 0.3052, 0.4895
Android (android.graphics.Color)	4282947144 (0xFF489648)
YUV	117.7860, -22.5725, -40.1543
Hunter-Lab	48.6398, -30.9949, 21.9557

Details

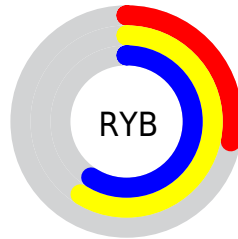
The Hex color **489648** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **964896**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7ECD7A**, and **066218** is the 20% darker color. If you saturate the color by 10%, you get **399639**, and if you desaturate by 10%, it is **579657**.

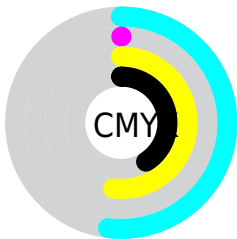
Distribution



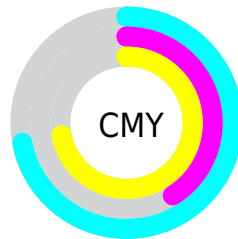
- Red (28%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (28%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489648 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 489648 by changing the saturation by 10% instead.



489648



489648

FFFFFF



2C7C30



7ECD7A



066218



9AE995



004A00



B6FFB0



003200



D3FFCB



001C00



F0FFE8



000000



489648



489648



399639



579657



2A962A



669666

■ 1B961B

■ 759675

■ 0C960C

■ 849684

■ 009600

■ 939693

■ A296A2

■ B196B1

■ C096C0

■ CF96CF

Harmonies

Analogous

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



808D28



489648



009B75

Triad

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



489648



008FE0



D95D69

Complementary

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



489648



964896

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.



D15D96



489648



6C80DC

Square

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



489648



0098CB



AF6CC1



CA6C40

Rectangle

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



489648



009C94



AF6CC1



D95B78

Sweetspot

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



489648



A3C2A3



969648



4E614E



E0E0E0



616161

Same Dimension

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



489648



4AC24A



48966F



434A43



008A00



000A00

Inverse Universe

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



964896



C24AC2



96486F



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 489648 looks on a white background.

Color Contrast Check

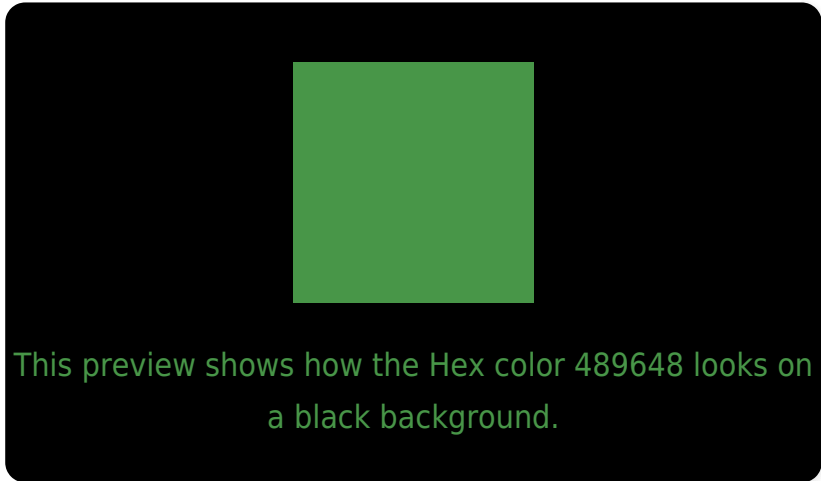
Large Text (above 18pt) WCAG AA ✓ Pass

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

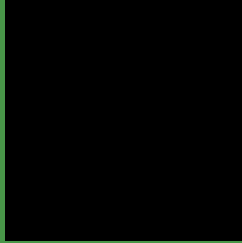
Any Text WCAG AA ✓ Pass

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 489648 Background



This preview shows how black text looks on a background with the Hex color 489648.




This preview shows how white text looks on a background with the Hex color 489648.

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
5A8D99

Trichromacy



Original Color

489648



Protanomaly

788B44



Deuteranomaly

81874C



Tritanomaly

53907C

Monochromacy



Original Color

489648



Achromatopsia

767676



Achromatomaly

658265

CSS Examples

Text

The CSS property to change the color of the text to Hex 489648 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 #489648 looks like.

```
.text, #text, p{  
    color:#489648  
}
```

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 #489648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489648
}
```

Border

The CSS property to change the border of an element to Hex 489648 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
#489648 }
```

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

```
.border{ border-color:#489648 }
```

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

Here you see how a box with a 4 pixel #489648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489648; -webkit-box-shadow:4px 4px  
4px 4px #489648; box-shadow:4px 4px 4px  
4px #489648 }
```

Background

The CSS property to change the background color of an element to Hex 489648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489648 }
```

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

```
.background{ background-color:#489648 }
```

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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