

Converting Colors

Hex(47AA58)

Have a look what the booklet for
Hex(47AA58) contains.

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Color

Hex(47AA58)

Conversions

Conversions Part 1

Format	Color
Hex	47AA58
RGB	71, 170, 88
RGB Percent	28%, 67%, 35%
CMY	0.7216, 0.3333, 0.6549
CMYK	0.58, 0.00, 0.48, 0.33
HSL	130°, 41%, 47%
HSV	130°, 58%, 67%
XYZ	18.7347, 30.7936, 14.1889
YIQ	131.0510, -32.6820, -46.4900

Conversions

Conversions Part 2

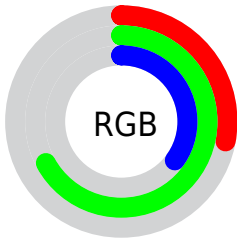
Format	Color
RYB	71, 155, 170
Decimal	4696664
CIELab	62.33, -46.66, 33.66
CIElCh	62, 57.530, 144.192
Yxy	30.7936, 0.2940, 0.4833
Android (android.graphics.Color)	4282886744 (0xFF47AA58)
YUV	131.0510, -21.2241, -52.6647
Hunter-Lab	55.4920, -36.8474, 23.6844

Details

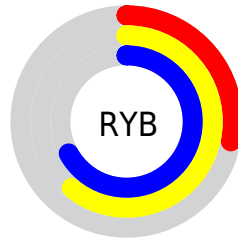
The Hex color **47AA58** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA4799**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **80E28B**, and **007528** is the 20% darker color. If you saturate the color by 10%, you get **36AA4A**, and if you desaturate by 10%, it is **58AA66**.

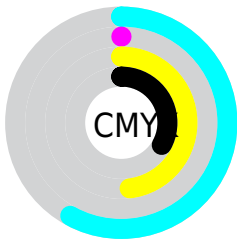
Distribution



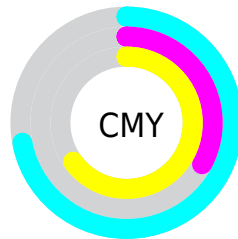
- Red (28%)
- Green (67%)
- Blue (35%)



- Red (28%)
- Yellow (61%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47AA58 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 47AA58 by changing the saturation by 10% instead.



47AA58



47AA58

FFFFFF



278F40



80E28B



007528



9CFFA6



005B0F



B9FFC2



004300



D6FFDE



002D00



F4FFFB



000F00



000000



47AA58



47AA58



36AA4A



58AA66

 25AA3C

 69AA74

 14AA2E

 7AAA82

 03AA20

 8BAA90

 00AA1D

 9CAA9E

 ADAAAC

 BEAABB

 CFAAC9

 E0AAD7

Harmonies

Analogous

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



89A032



47AA58



00AF8B

Triad

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



47AA58



009FFC



F36B70

Complementary

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



47AA58



AA4799

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.



EE68A3



47AA58



878DF4

Square

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



47AA58



00AAE9



CB78D3



DF7D44

Rectangle

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



47AA58



00AFAE



CB78D3



F46880

Sweetspot

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



47AA58



B8DEBF



99AA47



5A705E



F0F0F0



707070

Same Dimension

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



47AA58



43DE5D



47AA89



4C544D



009419



001404

Inverse Universe

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



AA4799



DE43C3



AA4768



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color 47AA58 looks on a white background.

Color Contrast Check

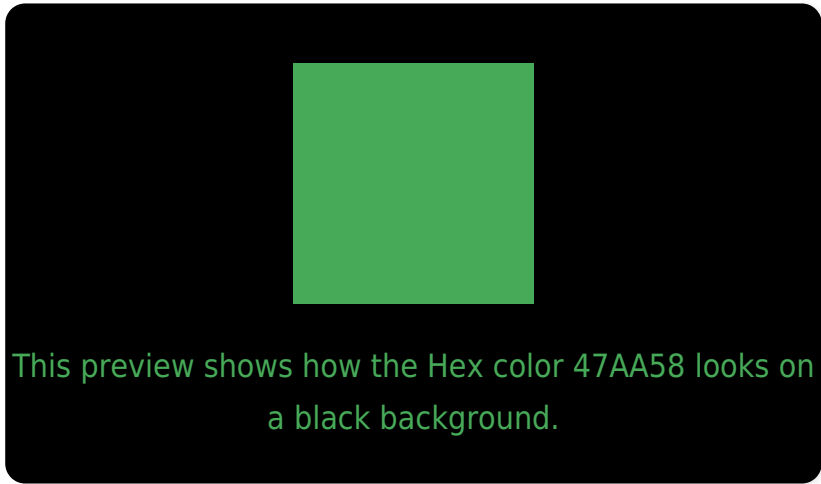
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 47AA58 Background



This preview shows how black text looks on a background with the Hex color 47AA58.

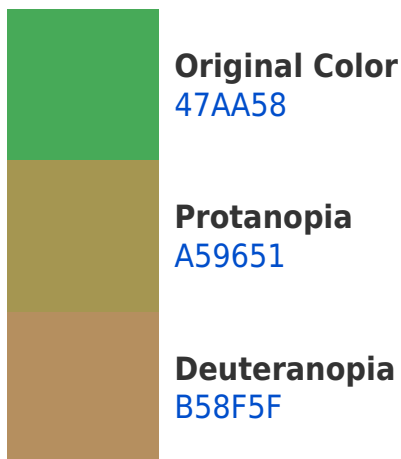


This preview shows how white text looks on a background with the Hex color 47AA58.

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](#).

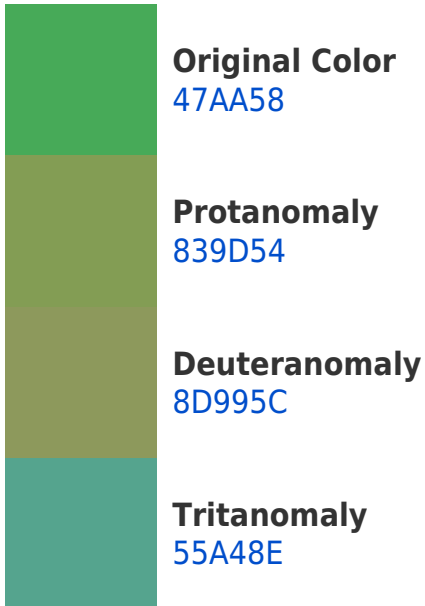
Dichromacy





Tritanopia
5DA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47AA58 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 #47AA58 looks like.

```
.text, #text, p{  
    color:#47AA58  
}
```

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 #47AA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47AA58
}
```

Border

The CSS property to change the border of an element to Hex 47AA58 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
#47AA58 }
```

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

```
.border{ border-color:#47AA58 }
```

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

Here you see how a box with a 4 pixel #47AA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47AA58; -webkit-box-shadow:4px 4px  
4px 4px #47AA58; box-shadow:4px 4px 4px  
4px #47AA58 }
```

Background

The CSS property to change the background color of an element to Hex 47AA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47AA58 }
```

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

```
.background{ background-color:#47AA58 }
```

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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