

Converting Colors

Hex(498D27)

Have a look what the booklet for
Hex(498D27) contains.

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Color

Hex(498D27)

Conversions

Conversions Part 1

Format	Color
Hex	498D27
RGB	73, 141, 39
RGB Percent	29%, 55%, 15%
CMY	0.7137, 0.4471, 0.8471
CMYK	0.48, 0.00, 0.72, 0.45
HSL	100°, 57%, 35%
HSV	100°, 72%, 55%
XYZ	12.6387, 20.6127, 5.2320
YIQ	109.0400, -7.7860, -46.1380

Conversions

Conversions Part 2

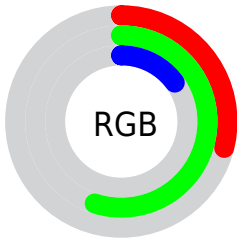
Format	Color
R_{YB}	39, 141, 107
Decimal	4820263
CIE _{Lab}	52.52, -40.15, 45.43
CIE _{LCh}	53, 60.632, 131.469
Yxy	20.6127, 0.3284, 0.5356
Android (android.graphics.Color)	4283010343 (0xFF498D27)
YUV	109.0400, -34.5297, -31.6071
Hunter-Lab	45.4012, -29.7615, 24.9484

Details

The Hex color **498D27** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B278D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7FC35A**, and **095A00** is the 20% darker color. If you saturate the color by 10%, you get **408D19**, and if you desaturate by 10%, it is **528D35**.

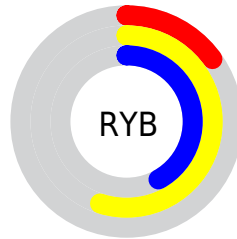
Distribution



Red (29%)

Green (55%)

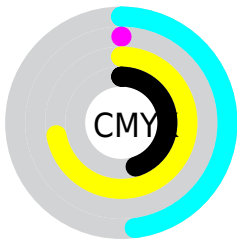
Blue (15%)



Red (15%)

Yellow (55%)

Blue (42%)

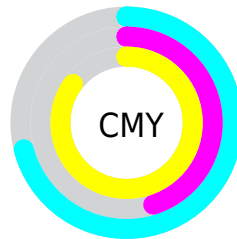


Cyan (48%)

Magenta (0%)

Yellow (72%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498D27 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 498D27 by changing the saturation by 10% instead.

 498D27

 498D27

FFFFFF

 2D7308

 7FC35A

 095A00

 9BDF75

 004200

 B7FC8F

 002B00

 D4FFAA

 001000

 F1FFC6

 000000

 FFFFE3

 498D27

 498D27

 408D19

 528D35

 368D0B

 5C8D43

 2F8D00

 658D51

 6F8D5F

 788D6D

 818D7C

 8B8D8A

 948D98

 9E8DA6

Harmonies

Analogous

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



848100



498D27



00935A

Triad

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



498D27



008CE0



DA486C

Complementary

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



498D27



6B278D

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.



CA4FA0



498D27



267DE4

Square

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



498D27



0094C1



9966CC



CF583A

Rectangle

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



498D27



00957E



9966CC



D8477D

Sweetspot

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



498D27



9DB88F



8D6B27



4C5C44



DBDBDB



5C5C5C

Same Dimension

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



498D27



4DB818



278D38



434740



2D8700



030800

Inverse Universe

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



6B278D



8218B8



8D277C



454047



5A0087



050008

Previews

White Background



This preview shows how the Hex color 498D27 looks on a white background.

Color Contrast Check

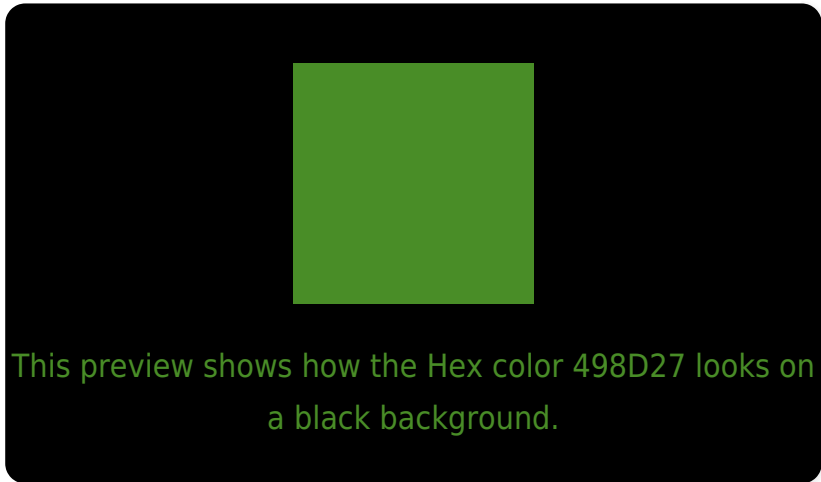
Large Text (above 18pt) WCAG AA ✓ Pass

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

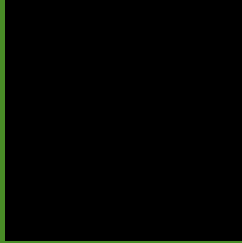
Any Text WCAG AA ✓ Pass

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 498D27 Background



This preview shows how black text looks on a background with the Hex color 498D27.



This preview shows how white text looks on a background with the Hex color 498D27.

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
498D27

Protanopia
8C7D23

Deuteranopia
9B7630



Tritanopia
5A848E

Trichromacy



Original Color
498D27

Protanomaly
748324

Deuteranomaly
7D7E2D

Tritanomaly
548769

Monochromacy



Original Color
498D27

Achromatopsia
6D6D6D

Achromatomaly
607954

CSS Examples

Text

The CSS property to change the color of the text to Hex 498D27 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 #498D27 looks like.

```
.text, #text, p{  
    color:#498D27  
}
```

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 #498D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498D27
}
```

Border

The CSS property to change the border of an element to Hex 498D27 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
#498D27 }
```

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

```
.border{ border-color:#498D27 }
```

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

Here you see how a box with a 4 pixel #498D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498D27; -webkit-box-shadow:4px 4px  
4px 4px #498D27; box-shadow:4px 4px 4px  
4px #498D27 }
```

Background

The CSS property to change the background color of an element to Hex 498D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498D27 }
```

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

```
.background{ background-color:#498D27 }
```

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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