

Converting Colors

Hex(547A2D)

Have a look what the booklet for
Hex(547A2D) contains.

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Color

Hex(547A2D)

Conversions

Conversions Part 1

Format	Color
Hex	547A2D
RGB	84, 122, 45
RGB Percent	33%, 48%, 18%
CMY	0.6706, 0.5216, 0.8235
CMYK	0.31, 0.00, 0.63, 0.52
HSL	90°, 46%, 33%
HSV	90°, 63%, 48%
XYZ	11.0893, 15.9933, 4.9852
YIQ	101.8600, 2.0690, -32.0030

Conversions

Conversions Part 2

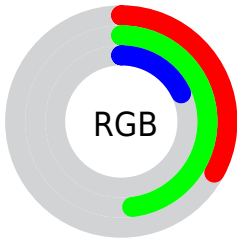
Format	Color
R_{YB}	45, 122, 83
Decimal	5536301
CIE _{Lab}	46.97, -27.08, 37.01
CIE _{LCh}	47, 45.864, 126.195
Yxy	15.9933, 0.3458, 0.4987
Android (android.graphics.Color)	4283726381 (0xFF547A2D)
YUV	101.8600, -28.0320, -15.6632
Hunter-Lab	39.9917, -20.4890, 20.6034

Details

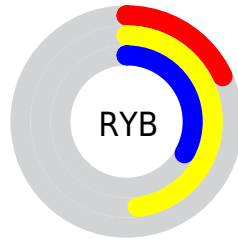
The Hex color **547A2D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **532D7A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **88AF5E**, and **224900** is the 20% darker color. If you saturate the color by 10%, you get **4E7A21**, and if you desaturate by 10%, it is **5A7A39**.

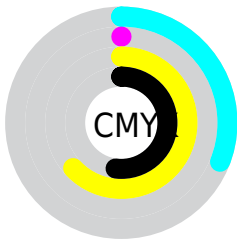
Distribution



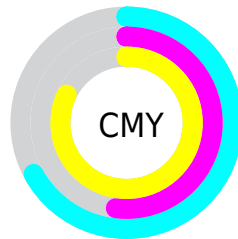
- Red (33%)
- Green (48%)
- Blue (18%)



- Red (18%)
- Yellow (48%)
- Blue (33%)



- Cyan (31%)
- Magenta (0%)
- Yellow (63%)
- Black (52%)



- Cyan (67%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 547A2D 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 547A2D by changing the saturation by 10% instead.

 547A2D

 547A2D

FFFFFF

 3B6114

 88AF5E

 224900

 A3CA78

 073200

 BFE692

 001F00

 DBFFAD

 000000

 F8FFC9

 FFFFE5

 547A2D

 547A2D

 4E7A21

 5A7A39

■ 487A15

■ 607A45

■ 427A08

■ 667A52

■ 3E7A00

■ 6C7A5E

■ 727A6A

■ 787A76

■ 7E7A82

■ 847A8F

■ 8A7A9B

Harmonies

Analogous

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



7D701C



547A2D



07804F

Triad

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



547A2D



007CB5



B54C69

Complementary

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



547A2D



532D7A

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.



A4528F



547A2D



2C71BC

Square

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



547A2D



00819C



7C62AE



B15344

Rectangle

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



547A2D



008269



7C62AE



B24C76

Sweetspot

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



547A2D



8F9E80



7A522D



464F3D



CFCFCF



4F4F4F

Same Dimension

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



547A2D



639E26



2E7A2D



3A3D37



3F7D00



80FC00

Inverse Universe

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



532D7A



61269E



792D7A



3A373D



3E007D



7D00FC

Previews

White Background



This preview shows how the Hex color 547A2D looks on a white background.

Color Contrast Check

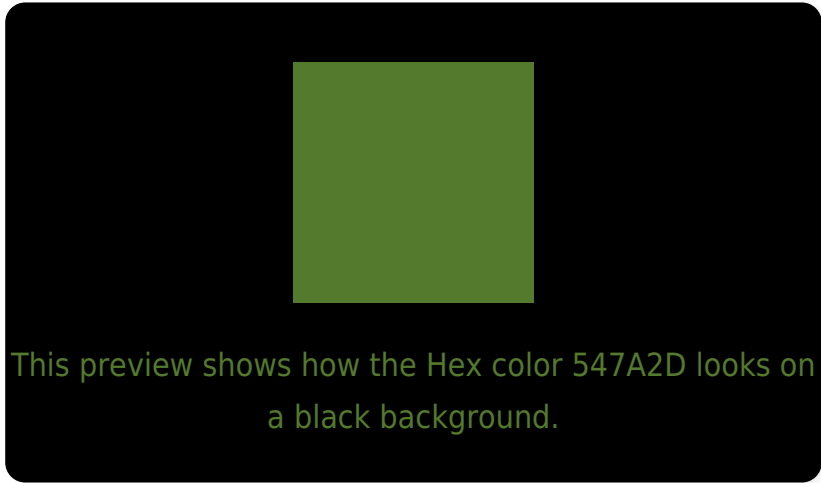
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 547A2D Background



This preview shows how black text looks on a background with the Hex color 547A2D.



This preview shows how white text looks on a background with the Hex color 547A2D.

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
547A2D

Protanopia
7C6F2A

Deuteranopia
896A32



Tritanopia
5F727B

Trichromacy



Original Color
547A2D

Protanomaly
6D732B

Deuteranomaly
767030

Tritanomaly
5B755F

Monochromacy



Original Color
547A2D

Achromatopsia
666666

Achromatomaly
5F6D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 547A2D 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 #547A2D looks like.

```
.text, #text, p{  
    color:#547A2D  
}
```

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 #547A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547A2D
}
```

Border

The CSS property to change the border of an element to Hex 547A2D 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
#547A2D }
```

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

```
.border{ border-color:#547A2D }
```

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

Here you see how a box with a 4 pixel #547A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547A2D; -webkit-box-shadow:4px 4px  
4px 4px #547A2D; box-shadow:4px 4px 4px  
4px #547A2D }
```

Background

The CSS property to change the background color of an element to Hex 547A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547A2D }
```

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

```
.background{ background-color:#547A2D }
```

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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