

Converting Colors

Hex(547B12)

Have a look what the booklet for
Hex(547B12) contains.

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Color

Hex(547B12)

Conversions

Conversions Part 1

Format	Color
Hex	547B12
RGB	84, 123, 18
RGB Percent	33%, 48%, 7%
CMY	0.6706, 0.5176, 0.9294
CMYK	0.32, 0.00, 0.85, 0.52
HSL	82°, 74%, 28%
HSV	82°, 85%, 48%
XYZ	10.8483, 16.0944, 3.1070
YIQ	99.3690, 10.4610, -40.9230

Conversions

Conversions Part 2

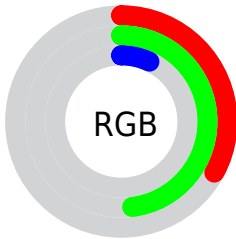
Format	Color
RYB	18, 123, 57
Decimal	5536530
CIELab	47.10, -29.44, 47.67
CIElCh	47, 56.030, 121.695
Yxy	16.0944, 0.3610, 0.5356
Android (android.graphics.Color)	4283726610 (0xFF547B12)
YUV	99.3690, -40.1149, -13.4786
Hunter-Lab	40.1178, -21.9379, 23.4906

Details

The Hex color **547B12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **39127B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **89B049**, and **214A00** is the 20% darker color. If you saturate the color by 10%, you get **4F7B06**, and if you desaturate by 10%, it is **597B1E**.

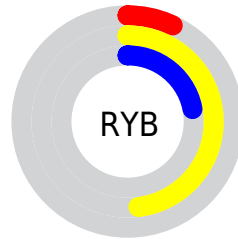
Distribution



Red (33%)

Green (48%)

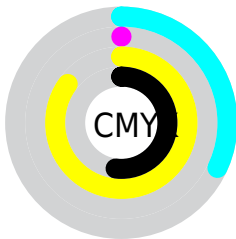
Blue (7%)



Red (7%)

Yellow (48%)

Blue (22%)

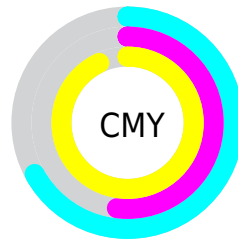


Cyan (32%)

Magenta (0%)

Yellow (85%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 547B12 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 547B12 by changing the saturation by 10% instead.



547B12



547B12

FFFFFF



3A6200



89B049



214A00



A5CB62



003300



C1E77D



002000



DFFF97



000000



FBFFB3



FFFFCF



FFF FEC



547B12



547B12

■ 4F7B06

■ 597B1E

■ 4D7B00

■ 5D7B2B

■ 627B37

■ 667B43

■ 6B7B50

■ 6F7B5C

■ 747B68

■ 797B74

■ 7D7B81

Harmonies

Analogous

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



846E00



547B12



008240

Triad

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



547B12



0080C2



C23E6F

Complementary

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



547B12



39127B

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.



AA4C9D



547B12



0074CE

Square

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



547B12



0085A0



7262C0



BF4841

Rectangle

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



547B12



008561



7262C0



BD417F

Sweetspot

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



547B12



91A177



7B3912



485238



D1D1D1



525252

Same Dimension

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



547B12



65A100



207B12



3B3D37



4F7D00



9FFC00

Inverse Universe

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



39127B



3C00A1



6D127B



39373D



2E007D



5E00FC

Previews

White Background



This preview shows how the Hex color 547B12 looks on a white background.

Color Contrast Check

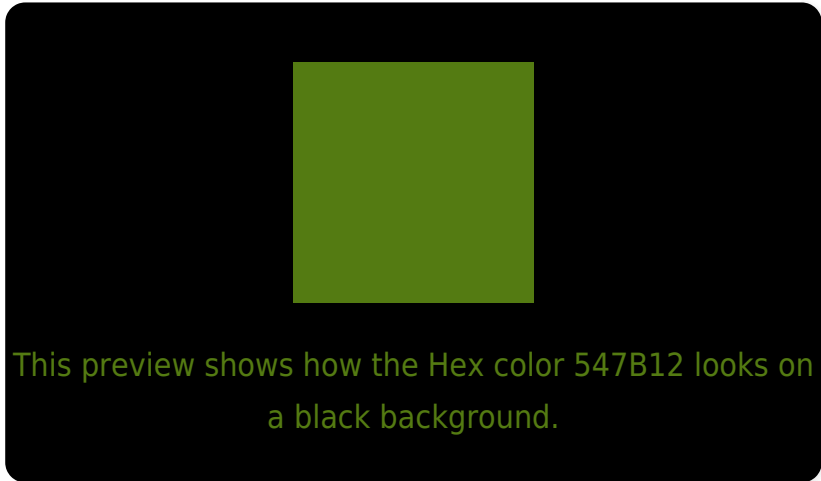
Large Text (above 18pt) WCAG AA ✓ Pass

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 547B12 Background



This preview shows how black text looks on a background with the Hex color 547B12.



This preview shows how white text looks on a background with the Hex color 547B12.

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
547B12

Protanopia
7E700F

Deuteranopia
8C6A1D



Tritanopia
60727C

Trichromacy



Original Color
547B12

Protanomaly
6F7410

Deuteranomaly
787019

Tritanomaly
5C7555

Monochromacy



Original Color
547B12

Achromatopsia
636363

Achromatomaly
5E6C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 547B12 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 #547B12 looks like.

```
.text, #text, p{  
    color:#547B12  
}
```

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 #547B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547B12
}
```

Border

The CSS property to change the border of an element to Hex 547B12 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
#547B12 }
```

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

```
.border{ border-color:#547B12 }
```

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

Here you see how a box with a 4 pixel #547B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547B12; -webkit-box-shadow:4px 4px  
4px 4px #547B12; box-shadow:4px 4px 4px  
4px #547B12 }
```

Background

The CSS property to change the background color of an element to Hex 547B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547B12 }
```

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

```
.background{ background-color:#547B12 }
```

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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