

Converting Colors

Hex(547C08)

Have a look what the booklet for
Hex(547C08) contains.

Hex(547C08)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(547C08)

Conversions

Conversions Part 1

Format	Color
Hex	547C08
RGB	84, 124, 8
RGB Percent	33%, 49%, 3%
CMY	0.6706, 0.5137, 0.9686
CMYK	0.32, 0.00, 0.94, 0.51
HSL	81°, 88%, 26%
HSV	81°, 94%, 49%
XYZ	10.9076, 16.3177, 2.8045
YIQ	98.8160, 13.3960, -44.5560

Conversions

Conversions Part 2

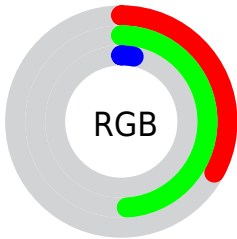
Format	Color
R_{YB}	8, 124, 48
Decimal	5536776
CIE _{Lab}	47.39, -30.25, 50.23
CIE _{LCh}	47, 58.631, 121.058
Yxy	16.3177, 0.3632, 0.5434
Android (android.graphics.Color)	4283726856 (0xFF547C08)
YUV	98.8160, -44.7723, -12.9936
Hunter-Lab	40.3951, -22.4922, 24.1603

Details

The Hex color **547C08** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30087C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8AB144**, and **204B00** is the 20% darker color. If you saturate the color by 10%, you get **517C00**, and if you desaturate by 10%, it is **587C14**.

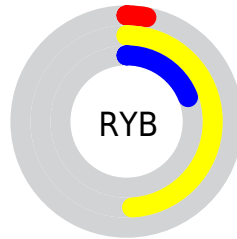
Distribution



 Red (33%)

 Green (49%)

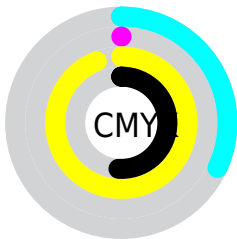
 Blue (3%)



 Red (3%)

 Yellow (49%)

 Blue (19%)

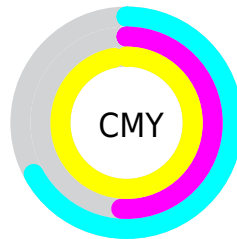


 Cyan (32%)


 Magenta (0%)

 Yellow (94%)

 Black (51%)



 Cyan (67%)

 Magenta (51%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 547C08 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 547C08 by changing the saturation by 10% instead.

 547C08

 547C08

FFFFFF

 3A6300

 8AB144

 204B00

 A5CC5E

 003400

 C1E978

 002100

 DEFF93

 000000

 FBFFAE

 FFFFCA

 FFFF7E

 547C08

 547C08

■ 517C00

■ 587C14

■ 5D7C21

■ 617C2D

■ 657C3A

■ 697C46

■ 6E7C52

■ 727C5F

■ 767C6B

■ 7A7C78

Harmonies

Analogous

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



866F00



547C08



00833E

Triad

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



547C08



0081C7



C63B71

Complementary

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



547C08



30087C

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.



AC4AA1



547C08



0076D4

Square

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



547C08



0086A2



7062C6



C44541

Rectangle

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



547C08



00865F



7062C6



C13E81

Sweetspot

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



547C08



91A174



7C2F08



485236



D1D1D1



525252

Same Dimension

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



547C08



69A100



1B7C08



3B3D37



527D00



A5FC00

Inverse Universe

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



30087C



3700A1



69087C



39373D



2B007D



5700FC

Previews

White Background



This preview shows how the Hex color 547C08 looks on a white background.

Color Contrast Check

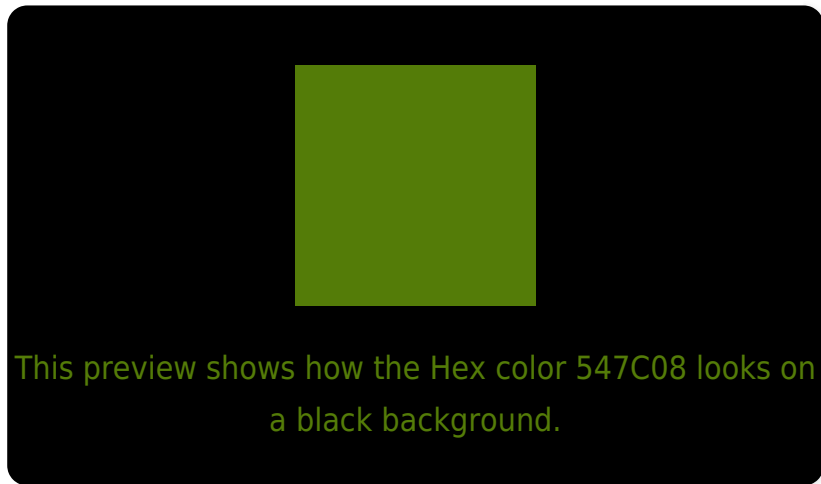
Large Text (above 18pt) WCAG AA ✓ Pass

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

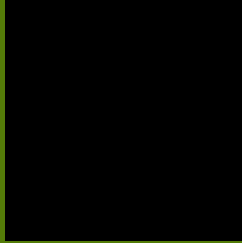
Any Text WCAG AA × Fail

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 547C08 Background



This preview shows how black text looks on a background with the Hex color 547C08.

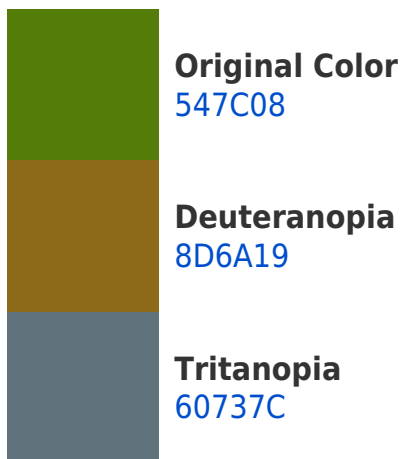


This preview shows how white text looks on a background with the Hex color 547C08.

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



Trichromacy



Original Color
547C08

Deuteranomaly
787113

Tritanomaly
5C7652

Monochromacy



Original Color
547C08

Achromatopsia
636363

Achromatomaly
5E6C42

CSS Examples

Text

The CSS property to change the color of the text to Hex 547C08 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 #547C08 looks like.

```
.text, #text, p{  
    color:#547C08  
}
```

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 #547C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547C08
}
```

Border

The CSS property to change the border of an element to Hex 547C08 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
#547C08 }
```

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

```
.border{ border-color:#547C08 }
```

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

Here you see how a box with a 4 pixel #547C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547C08; -webkit-box-shadow:4px 4px  
4px 4px #547C08; box-shadow:4px 4px 4px  
4px #547C08 }
```

Background

The CSS property to change the background color of an element to Hex 547C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547C08 }
```

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

```
.background{ background-color:#547C08 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor