

# Converting Colors

Hex(547256)

Have a look what the booklet for  
Hex(547256) contains.

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# Color

Hex(547256)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547256
RGB	84, 114, 86
RGB Percent	33%, 45%, 34%
CMY	0.6706, 0.5529, 0.6627
CMYK	0.26, 0.00, 0.25, 0.55
HSL	124°, 15%, 39%
HSV	124°, 26%, 45%
XYZ	11.3532, 14.5913, 11.0221
YIQ	101.8380, -8.8920, -15.0680

# Conversions

## Conversions Part 2

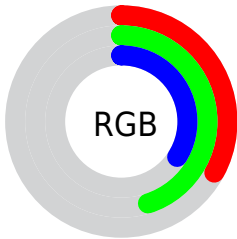
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 112, 114
Decimal	5534294
CIE <sub>Lab</sub>	45.07, -16.99, 12.08
CIE <sub>LCh</sub>	45, 20.845, 144.579
Yxy	14.5913, 0.3071, 0.3947
Android (android.graphics.Color)	4283724374 (0xFF547256)
YUV	101.8380, -7.8081, -15.6439
Hunter-Lab	38.1986, -13.7947, 9.6310

# Details

The Hex color **547256** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **725470**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **86A688**, and **264229** is the 20% darker color. If you saturate the color by 10%, you get **49724B**, and if you desaturate by 10%, it is **5F7261**.

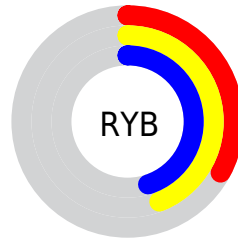
# Distribution



Red (33%)

Green (45%)

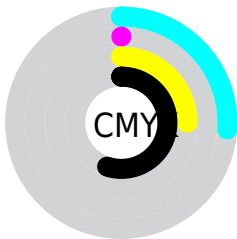
Blue (34%)



Red (33%)

Yellow (44%)

Blue (45%)

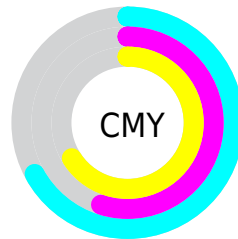


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547256 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 547256 by changing the saturation by 10% instead.





547256



547256

FFFFFF



3C593F



86A688



264229



A1C1A2



102B14



BCDDBD



001800



D8FAD9



000000



F4FFF5



547256



547256



49724B



5F7261



3D7241



6B726B

 327236

 767276

 26722B

 827281

 1B7221

 8D728B

 107216

 987296

 04720C

 A472A0

 007208

 AF72AB

 BB72B6

# Harmonies

## Analogous

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



686E4B



547256



417467

# Triad

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



547256



506D8D



8D5F5D

# Complementary

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



547256



725470

# 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.



8B5E6F



547256



69678A

# Square

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



547256



3A7286



7E617F



87634F

# Rectangle

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



547256



377473



7E617F



8E5E63



# Sweetspot

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



547256



889489



707254



434A43



C9C9C9



4A4A4A



# Same Dimension

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



547256



659468



547265



323833



007808



00F710



# Inverse Universe

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



725470



946591



725461



383238



780070

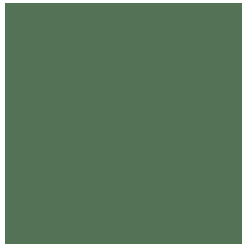


F700E7



# Previews

## White Background



This preview shows how the Hex color 547256 looks on a white background.

## Color Contrast Check

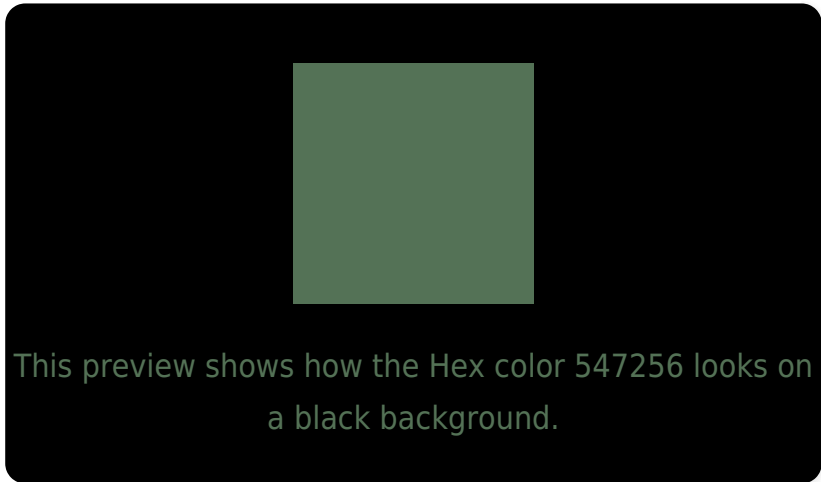
Large Text (above 18pt) WCAG AA ✓ Pass

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

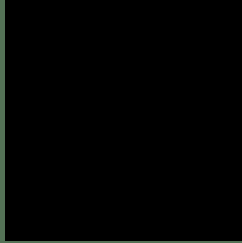
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

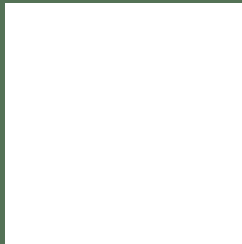
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 547256 Background



This preview shows how black text looks on a background with the Hex color 547256.



This preview shows how white text looks on a background with the Hex color 547256.

# 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**  
547256

**Protanopia**  
716A52

**Deuteranopia**  
7B6658



**Tritanopia**  
5A6E76

# Trichromacy



**Original Color**  
547256

**Protanomaly**  
666D53

**Deuteranomaly**  
6D6A57

**Tritanomaly**  
586F6A

# Monochromacy



**Original Color**  
547256

**Achromatopsia**  
666666

**Achromatomaly**  
5F6A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547256 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 #547256 looks like.

```
.text, #text, p{  
    color:#547256  
}
```

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 #547256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547256
}
```

## Border

The CSS property to change the border of an element to Hex 547256 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
#547256 }
```

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

```
.border{ border-color:#547256 }
```

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

Here you see how a box with a 4 pixel #547256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547256; -webkit-box-shadow:4px 4px  
4px 4px #547256; box-shadow:4px 4px 4px  
4px #547256 }
```

# Background

The CSS property to change the background color of an element to Hex 547256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547256 }
```

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

```
.background{ background-color:#547256 }
```

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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