

Converting Colors

Hex(567642)

Have a look what the booklet for
Hex(567642) contains.

Hex(567642)	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>	29

Color

Hex(567642)

Conversions

Conversions Part 1

Format	Color
Hex	567642
RGB	86, 118, 66
RGB Percent	34%, 46%, 26%
CMY	0.6627, 0.5373, 0.7412
CMYK	0.27, 0.00, 0.44, 0.54
HSL	97°, 28%, 36%
HSV	97°, 44%, 46%
XYZ	11.2996, 15.3286, 7.5174
YIQ	102.5040, -2.3800, -22.9560

Conversions

Conversions Part 2

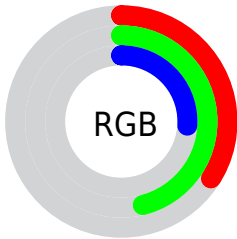
Format	Color
RYB	66, 118, 98
Decimal	5666370
CIELab	46.08, -21.74, 24.99
CIElCh	46, 33.120, 131.019
Yxy	15.3286, 0.3309, 0.4489
Android (android.graphics.Color)	4283856450 (0xFF567642)
YUV	102.5040, -17.9965, -14.4740
Hunter-Lab	39.1518, -16.9990, 16.0222

Details

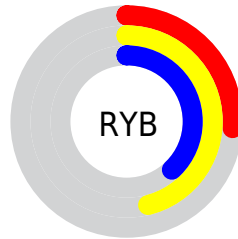
The Hex color **567642** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **624276**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **89AA73**, and **264515** is the 20% darker color. If you saturate the color by 10%, you get **4F7636**, and if you desaturate by 10%, it is **5D764E**.

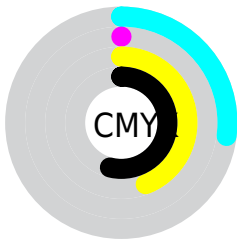
Distribution



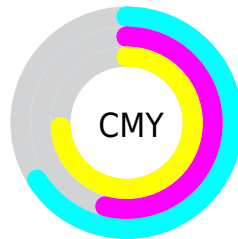
- Red (34%)
- Green (46%)
- Blue (26%)



- Red (26%)
- Yellow (46%)
- Blue (38%)



- Cyan (27%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)



- Cyan (66%)
- Magenta (54%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567642 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 567642 by changing the saturation by 10% instead.

■ 567642

■ 567642

FFFFFF

■ 3E5D2B

■ 89AA73

■ 264515

■ A4C68D

■ 112F00

■ BFE2A7

■ 001C00

■ DBFEC3

■ 000000

■ F8FFDF

■ FFFFFB

■ 567642

■ 567642

■ 4F7636

■ 5D764E

47762A

65765A

40761F

6C7665

397613

737671

327607

7A767D

2D7600

827689

897695

9076A0

9776AC

Harmonies

Analogous

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



746F35



567642



2F7A5A

Triad

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



567642



0775A1



A25764

Complementary

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



567642



624276

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.



975980



567642



536DA3

Square

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



567642



007A91



7D6297



9D5C4A

Rectangle

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



567642



007B6D



7D6297



A0566D

Sweetspot

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



567642



8D9985



766142



454D40



CCCCCC



4D4D4D

Same Dimension

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



567642



679948



427647



373B35



2F7A00



60FA00

Inverse Universe

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



624276



7A4899



764271



38353B



4B007A



9A00FA

Previews

White Background



This preview shows how the Hex color 567642 looks on a white background.

Color Contrast Check

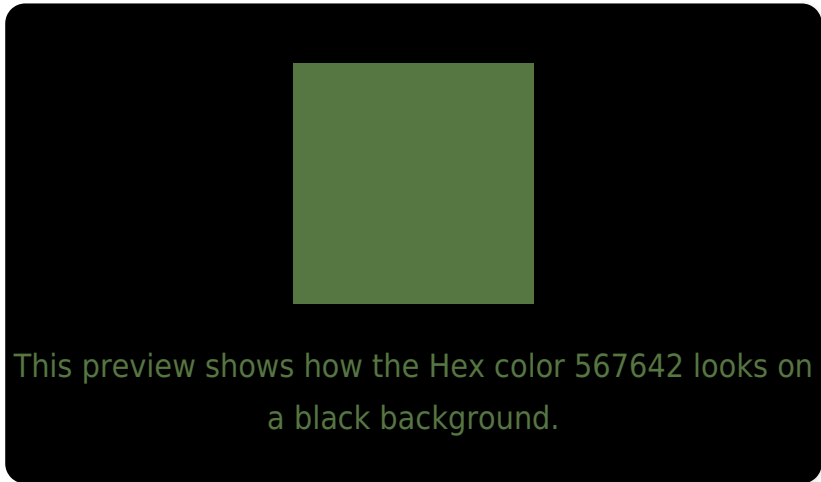
Large Text (above 18pt) WCAG AA ✓ Pass

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

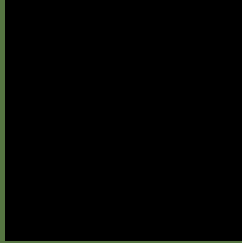
Any Text WCAG AA × Fail

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 567642 Background



This preview shows how black text looks on a background with the Hex color 567642.



This preview shows how white text looks on a background with the Hex color 567642.

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
567642

Protanopia
776D3F

Deuteranopia
836845



Tritanopia
5E7079

Trichromacy



Original Color
567642

Protanomaly
6B7040

Deuteranomaly
736D44

Tritanomaly
5B7265

Monochromacy



Original Color
567642

Achromatopsia
676767

Achromatomaly
616C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 567642 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 #567642 looks like.

```
.text, #text, p{  
    color:#567642  
}
```

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 #567642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567642
}
```

Border

The CSS property to change the border of an element to Hex 567642 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
#567642 }
```

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

```
.border{ border-color:#567642 }
```

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

Here you see how a box with a 4 pixel #567642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567642; -webkit-box-shadow:4px 4px  
4px 4px #567642; box-shadow:4px 4px 4px  
4px #567642 }
```

Background

The CSS property to change the background color of an element to Hex 567642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567642 }
```

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

```
.background{ background-color:#567642 }
```

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