

Converting Colors

Hex(567455)

Have a look what the booklet for
Hex(567455) contains.

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Color

Hex(567455)

Conversions

Conversions Part 1

Format	Color
Hex	567455
RGB	86, 116, 85
RGB Percent	34%, 45%, 33%
CMY	0.6627, 0.5451, 0.6667
CMYK	0.26, 0.00, 0.27, 0.55
HSL	118°, 15%, 39%
HSV	118°, 27%, 45%
XYZ	11.7228, 15.1251, 10.8959
YIQ	103.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

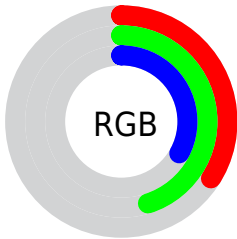
Format	Color
RYB	85, 116, 115
Decimal	5665877
CIELab	45.81, -17.51, 13.71
CIELCh	46, 22.241, 141.953
Yxy	15.1251, 0.3106, 0.4007
Android (android.graphics.Color)	4283855957 (0xFF567455)
YUV	103.4960, -9.1185, -15.3440
Hunter-Lab	38.8910, -14.2543, 10.6127

Details

The Hex color **567455** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **735574**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **88A887**, and **274428** is the 20% darker color. If you saturate the color by 10%, you get **4B7449**, and if you desaturate by 10%, it is **617461**.

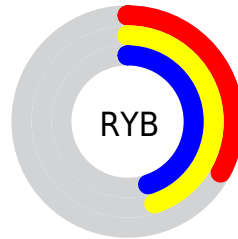
Distribution



Red (34%)

Green (45%)

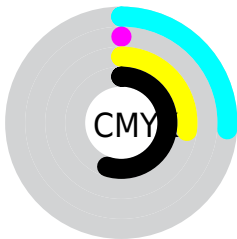
Blue (33%)



Red (33%)

Yellow (45%)

Blue (45%)

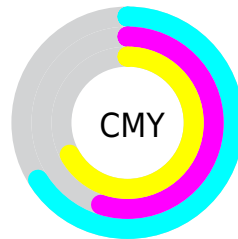


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567455 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 567455 by changing the saturation by 10% instead.

■ 567455

■ 567455

FFFFFF

■ 3E5B3E

■ 88A887

■ 274428

■ A3C3A1

■ 112D13

■ BEDFBC

■ 001A00

■ DAFCD8

■ 000000

■ F7FFF4

■ 567455

■ 567455

■ 4B7449

■ 617461

■ 40743E

■ 6C746C

■ 347432

■ 787478

■ 297427

■ 837483

■ 1E741B

■ 8E748F

■ 13740F

■ 99749B

■ 077404

■ A574A6

■ 047400

■ B074B2

■ BB74BD

Harmonies

Analogous

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



6B704A



567455



407667

Triad

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



567455



4C7091



925F5F

Complementary

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



567455



735574

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.



8E5F72



567455



68698F

Square

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



567455



357489



7F6384



8C6350

Rectangle

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



567455



357773



7F6384



915F66

Sweetspot

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



567455



8B968A



747355



454D45



CCCCCC



4D4D4D

Same Dimension

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



567455



689666



557463



353B35



047A00



08FA00

Inverse Universe

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



735574



956696



745566



3A353B



76007A



F200FA

Previews

White Background



This preview shows how the Hex color 567455 looks on a white background.

Color Contrast Check

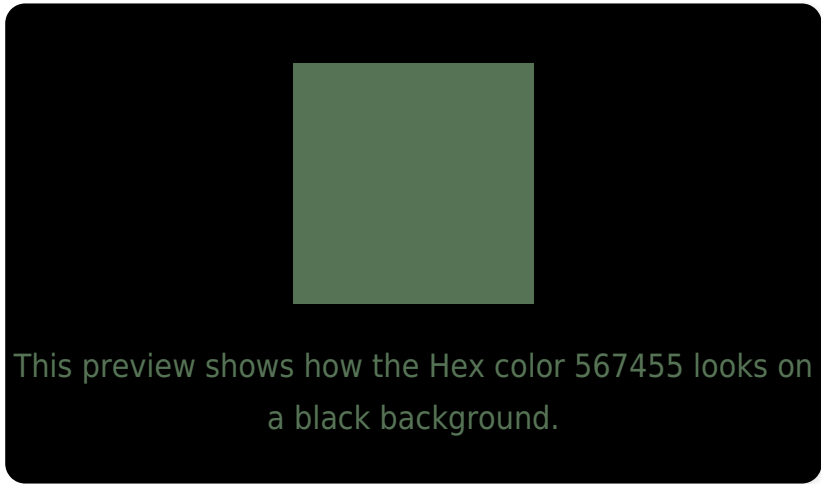
Large Text (above 18pt) WCAG AA ✓ Pass

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

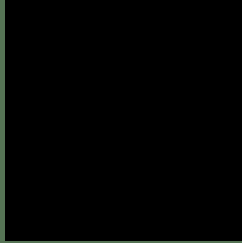
Any Text WCAG AA × Fail

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 567455 Background



This preview shows how black text looks on a background with the Hex color 567455.



This preview shows how white text looks on a background with the Hex color 567455.

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
567455

Protanopia
746C51

Deuteranopia
7E6858



Tritanopia
5C6F78

Trichromacy



Original Color
567455

Protanomaly
696F52

Deuteranomaly
6F6C57

Tritanomaly
5A716B

Monochromacy



Original Color
567455

Achromatopsia
676767

Achromatomaly
616C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 567455 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 #567455 looks like.

```
.text, #text, p{  
    color:#567455  
}
```

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 #567455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567455
}
```

Border

The CSS property to change the border of an element to Hex 567455 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
#567455 }
```

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

```
.border{ border-color:#567455 }
```

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

Here you see how a box with a 4 pixel #567455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567455; -webkit-box-shadow:4px 4px  
4px 4px #567455; box-shadow:4px 4px 4px  
4px #567455 }
```

Background

The CSS property to change the background color of an element to Hex 567455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567455 }
```

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

```
.background{ background-color:#567455 }
```

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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