

# Converting Colors

Hex(567150)

Have a look what the booklet for  
Hex(567150) contains.

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# Color

**Hex(567150)**

# Conversions

Conversions Part 1	
Format	Color
Hex	567150
RGB	86, 113, 80
RGB Percent	34%, 44%, 31%
CMY	0.6627, 0.5569, 0.6863
CMYK	0.24, 0.00, 0.29, 0.56
HSL	109°, 17%, 38%
HSV	109°, 29%, 44%
XYZ	11.1908, 14.3679, 9.7729
YIQ	101.1650, -5.4990, -15.9870

# Conversions

## Conversions Part 2

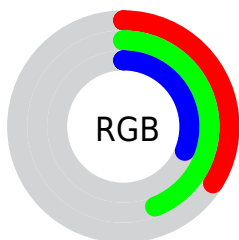
Format	Color
<a href="#">RYB</a>	<a href="#">80, 113, 107</a>
Decimal	<a href="#">5665104</a>
CIELab	<a href="#">44.76, -16.82, 15.20</a>
CIELCh	<a href="#">45, 22.671, 137.880</a>
Yxy	<a href="#">14.3679, 0.3167, 0.4067</a>
Android (android.graphics.Color)	<a href="#">4283855184</a> <a href="#">(0xFF567150)</a>
YUV	<a href="#">101.1650, -10.4343, -13.2997</a>
Hunter-Lab	<a href="#">37.9050, -13.6344, 11.2470</a>

# Details

The Hex color **567150** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B5071**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **88A581**, and **284123** is the 20% darker color. If you saturate the color by 10%, you get **4D7145**, and if you desaturate by 10%, it is **5F715B**.

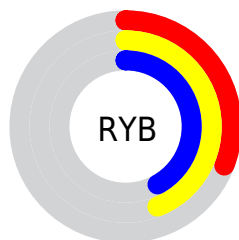
# Distribution



Red (34%)

Green (44%)

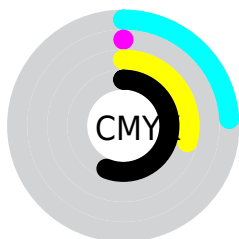
Blue (31%)



Red (31%)

Yellow (44%)

Blue (42%)

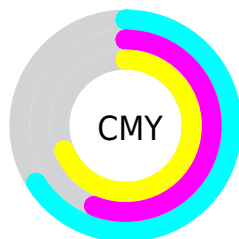


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567150 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 567150 by changing the saturation by 10% instead.



 567150

FFFFFF

 88A581

 A3C09C

 BEDCB6

 DAF9D2

 F7FFEE

 567150

 3E5839

 284123

 122B0E

 001800

 000000

 567150

 4D7145

 447139


 567150

 5F715B

 687167

 3A712E

 727172

 317123

 7B717D

 287118

 847189

 1F710C

 8D7194

 157101

 97719F

 157100

 A071AA

 A971B6

# Harmonies

## Analogous

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



6B6C46



567150



407461

# Triad

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



567150



456E8E



905C5F

# Complementary

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



567150



6B5071

# 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.



8A5C72



567150



62688E

# Square

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



567150



2E7285



7A6183



8B604F

# Rectangle

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



567150



32746E



7A6183



8F5C65



# Sweetspot

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



567150



899487



716B50



434A42



C9C9C9



4A4A4A



# Same Dimension

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



567150



6A9460



50715A



343832



167800



2DF700



# Inverse Universe

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



6B5071



8A6094



715067



373238



620078

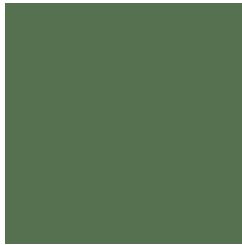


CA00F7



# Previews

## White Background



This preview shows how the Hex color 567150 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



This preview shows how the Hex color 567150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

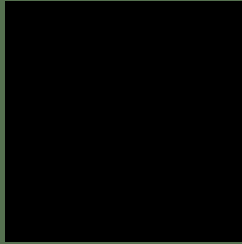
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 567150 Background



This preview shows how black text looks on a background with the Hex color 567150.



This preview shows how white text looks on a background with the Hex color 567150.

# 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**  
567150

**Protanopia**  
72694D

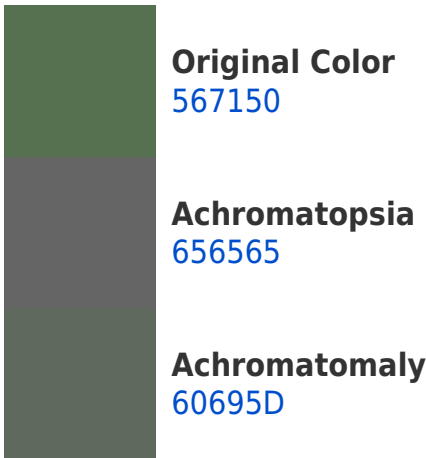
**Deuteranopia**  
7C6553



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567150 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 #567150 looks like.

```
.text, #text, p{  
    color:#567150  
}
```

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 #567150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567150
}
```

## Border

The CSS property to change the border of an element to Hex 567150 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
#567150 }
```

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

```
.border{ border-color:#567150 }
```

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

Here you see how a box with a 4 pixel #567150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567150; -webkit-box-shadow:4px 4px  
4px 4px #567150; box-shadow:4px 4px 4px  
4px #567150 }
```

# Background

The CSS property to change the background color of an element to Hex 567150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567150 }
```

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

```
.background{ background-color:#567150 }
```

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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