

# Converting Colors

Hex(467052)

Have a look what the booklet for  
Hex(467052) contains.

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# Color

**Hex(467052)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	467052
RGB	70, 112, 82
RGB Percent	27%, 44%, 32%
CMY	0.7255, 0.5608, 0.6784
CMYK	0.37, 0.00, 0.27, 0.56
HSL	137°, 23%, 36%
HSV	137°, 37%, 44%
XYZ	9.8429, 13.4996, 10.0696
YIQ	96.0220, -15.4020, -18.2340

# Conversions

## Conversions Part 2

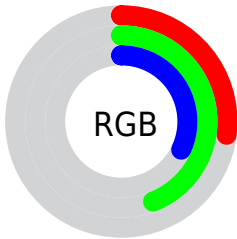
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 103, 112
Decimal	4616274
CIELab	43.51, -21.69, 12.15
CIELCh	44, 24.866, 150.741
Yxy	13.4996, 0.2946, 0.4040
Android (android.graphics.Color)	4282806354 (0xFF467052)
YUV	96.0220, -6.9128, -22.8213
Hunter-Lab	36.7418, -16.4790, 9.4701

# Details

The Hex color **467052** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **704664**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **78A483**, and **164025** is the 20% darker color. If you saturate the color by 10%, you get **3B704A**, and if you desaturate by 10%, it is **51705A**.

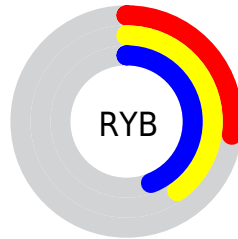
# Distribution



Red (27%)

Green (44%)

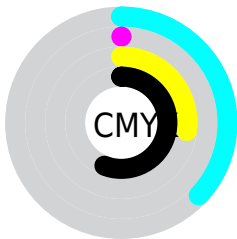
Blue (32%)



Red (27%)

Yellow (40%)

Blue (44%)

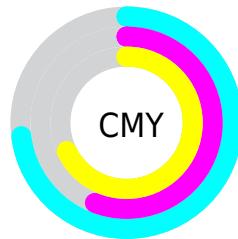


Cyan (37%)

Magenta (0%)

Yellow (27%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467052 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 467052 by changing the saturation by 10% instead.



 467052

 467052

FFFFFF

 2E573B

 78A483

 164025

 92BF9E

 002910

 ADDBB9

 001500

 C9F8D4


 000000

 E5FFF1

 467052

 467052

 3B704A

 51705A

 307042

 5C7062

■ 24703A

■ 68706A

■ 197032

■ 737072

■ 0E702A

■ 7E707A

■ 037022

■ 897082

■ 007020

■ 94708A

■ A07092

■ AB709A

# Harmonies

## Analogous

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



5E6C43



467052



2C7267

# Triad

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



467052



4A6990



8E5953

# Complementary

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



467052



704664

# 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.



8E5767



467052



6A618A

# Square

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



467052



286E8A



815A7B



855F43

# Rectangle

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



467052



1C7275



815A7B



8F5859



# Sweetspot

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



467052



819186



647046



404A43



C9C9C9



4A4A4A



# Same Dimension

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



467052



509163



467067



323834



007822



00F747



# Inverse Universe

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



704664



91507F



70464F



383236



780056



F700B1



# Previews

## White Background



This preview shows how the Hex color 467052 looks on a white background.

## Color Contrast Check

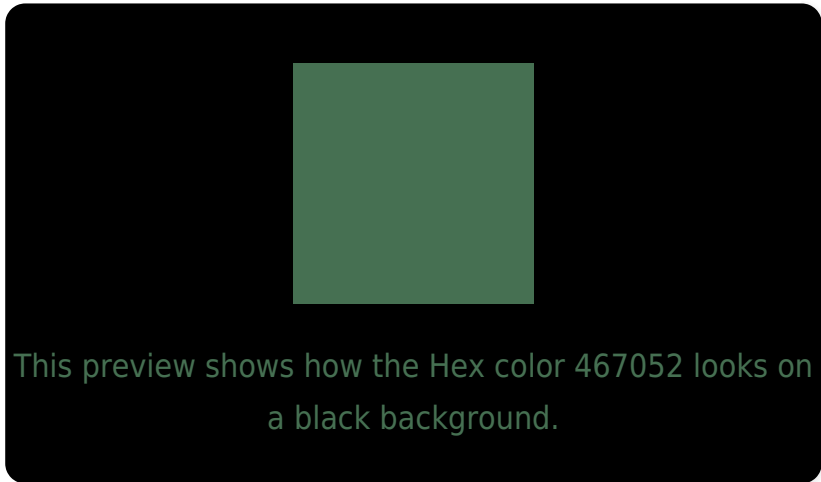
Large Text (above 18pt) WCAG AA ✓ Pass

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

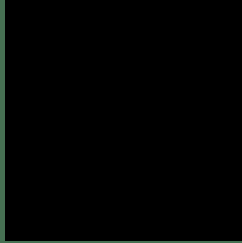
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467052 Background



This preview shows how black text looks on a background with the Hex color 467052.



This preview shows how white text looks on a background with the Hex color 467052.

# 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**  
467052

**Protanopia**  
6E664E

**Deuteranopia**  
766255



**Tritanopia**  
4D6C74

# Trichromacy



**Original Color**  
467052

**Protanomaly**  
5F6A4F

**Deuteranomaly**  
656754

**Tritanomaly**  
4A6D68

# Monochromacy



**Original Color**  
467052

**Achromatopsia**  
606060

**Achromatomaly**  
57665B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467052 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 #467052 looks like.

```
.text, #text, p{  
    color:#467052  
}
```

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 #467052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467052
}
```

## Border

The CSS property to change the border of an element to Hex 467052 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
#467052 }
```

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

```
.border{ border-color:#467052 }
```

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

Here you see how a box with a 4 pixel #467052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467052; -webkit-box-shadow:4px 4px  
4px 4px #467052; box-shadow:4px 4px 4px  
4px #467052 }
```

# Background

The CSS property to change the background color of an element to Hex 467052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467052 }
```

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

```
.background{ background-color:#467052 }
```

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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