

# Converting Colors

Hex(487262)

Have a look what the booklet for  
Hex(487262) contains.

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# Color

Hex(487262)

# Conversions

## Conversions Part 1

Format	Color
Hex	487262
RGB	72, 114, 98
RGB Percent	28%, 45%, 38%
CMY	0.7176, 0.5529, 0.6157
CMYK	0.37, 0.00, 0.14, 0.55
HSL	157°, 23%, 36%
HSV	157°, 37%, 45%
XYZ	10.8944, 14.2942, 13.7401
YIQ	99.6180, -19.8960, -13.8800

# Conversions

## Conversions Part 2

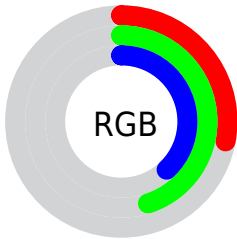
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 98, 114
Decimal	4747874
CIELab	44.65, -18.55, 4.26
CIELCh	45, 19.033, 167.080
Yxy	14.2942, 0.2799, 0.3672
Android (android.graphics.Color)	4282937954 (0xFF487262)
YUV	99.6180, -0.7977, -24.2210
Hunter-Lab	37.8077, -14.7280, 4.9181

# Details

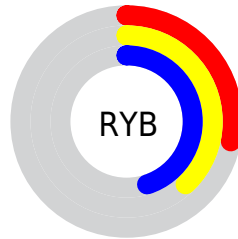
The Hex color **487262** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724858**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7AA695**, and **184234** is the 20% darker color. If you saturate the color by 10%, you get **3D725E**, and if you desaturate by 10%, it is **537266**.

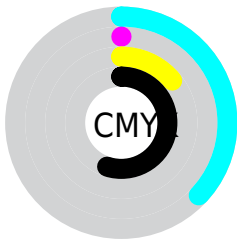
# Distribution



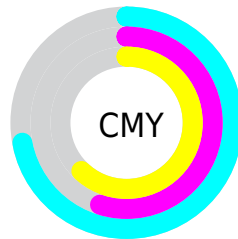
- Red (28%)
- Green (45%)
- Blue (38%)



- Red (28%)
- Yellow (38%)
- Blue (45%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)



- Cyan (72%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 487262 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 487262 by changing the saturation by 10% instead.



 487262

 487262

FFFFFF

 30594A

 7AA695

 184234

 94C1AF

 002B1F

 B0DDCB

 001806

 CBFAE7

 000000


 E8FFFF

 487262

 487262

 3D725E

 537266

 317259

 5F726B

■ 267255

■ 6A726F

■ 1A7251

■ 767273

■ 0F724C

■ 817278

■ 047248

■ 8C727C

■ 007247

■ 987280

■ A37285

■ AF7289

# Harmonies

## Analogous

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



5A7054



487262



3B7272

# Triad

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



487262



636888



866153

# Complementary

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



487262



724858

# 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.



8A5E61



487262



77637F

# Square

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



487262



4C6D88



855F71



7B664B

# Rectangle

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



487262



3A727C



855F71



886057



# Sweetspot

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



487262



84948E



587248



404A46



C9C9C9



4A4A4A



# Same Dimension

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



487262



53947B



486D72



323836



00784A



00F799



# Inverse Universe

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



724858



94536C



724D48



383235



78002E



F7005E



# Previews

## White Background



This preview shows how the Hex color 487262 looks on a white background.

## Color Contrast Check

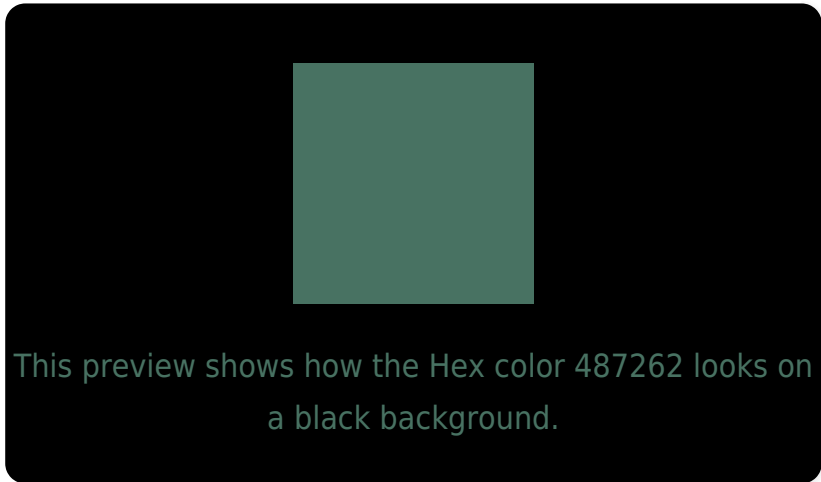
Large Text (above 18pt) WCAG AA ✓ Pass

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

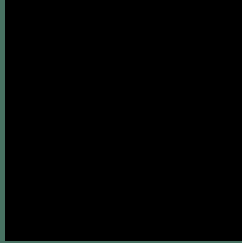
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 487262 Background



This preview shows how black text looks on a background with the Hex color 487262.

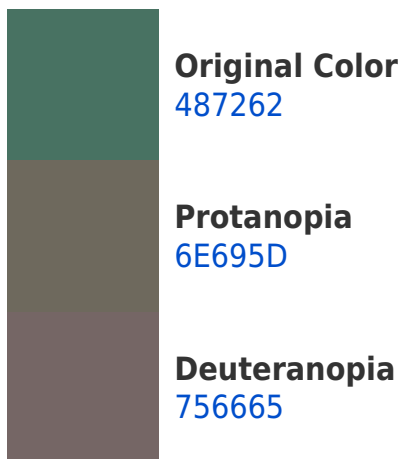


This preview shows how white text looks on a background with the Hex color 487262.

# 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](#).

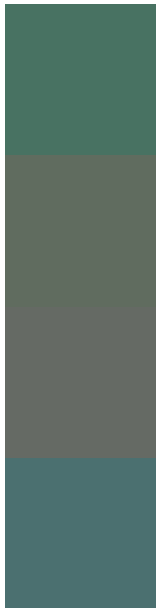
## Dichromacy





**Tritanopia**  
4D6F78

# Trichromacy



**Original Color**  
487262

**Protanomaly**  
606C5F

**Deuteranomaly**  
656A64

**Tritanomaly**  
4B7070

# Monochromacy



**Original Color**  
487262

**Achromatopsia**  
646464

**Achromatomaly**  
5A6963

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 487262 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 #487262 looks like.

```
.text, #text, p{  
    color:#487262  
}
```

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 #487262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487262  
}
```

## Border

The CSS property to change the border of an element to Hex 487262 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".

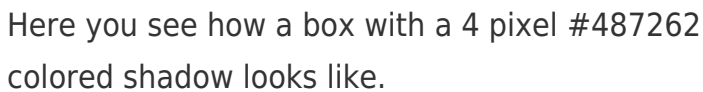
```
.border, #border, table{ border:4px solid  
#487262 }
```

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

```
.border{ border-color:#487262 }
```

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

Here you see how a box with a 4 pixel #487262 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487262; -webkit-box-shadow:4px 4px  
4px 4px #487262; box-shadow:4px 4px 4px  
4px #487262 }
```

# Background

The CSS property to change the background color of an element to Hex 487262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487262 }
```

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

```
.background{ background-color:#487262 }
```

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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