

# Converting Colors

Hex(467884)

Have a look what the booklet for  
Hex(467884) contains.

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# Color

Hex(467884)

# Conversions

## Conversions Part 1

Format	Color
Hex	467884
RGB	70, 120, 132
RGB Percent	27%, 47%, 52%
CMY	0.7255, 0.5294, 0.4824
CMYK	0.47, 0.09, 0.00, 0.48
HSL	192°, 31%, 40%
HSV	192°, 47%, 52%
XYZ	13.4071, 16.4010, 24.2889
YIQ	106.4180, -33.6520, -6.8680

# Conversions

## Conversions Part 2

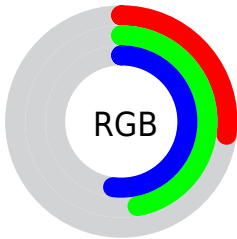
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 98, 132
Decimal	4618372
CIE <sub>Lab</sub>	47.50, -13.41, -11.82
CIE <sub>LCh</sub>	47, 17.878, 221.385
Yxy	16.4010, 0.2478, 0.3032
Android (android.graphics.Color)	4282808452 (0xFF467884)
YUV	106.4180, 12.6119, -31.9386
Hunter-Lab	40.4981, -11.7783, -7.2107

# Details

The Hex color **467884** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **845246**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7AACB9**, and **0E4753** is the 20% darker color. If you saturate the color by 10%, you get **397584**, and if you desaturate by 10%, it is **537B84**.

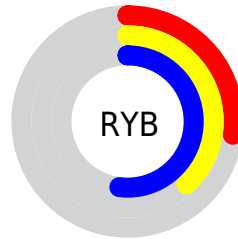
# Distribution



Red (27%)

Green (47%)

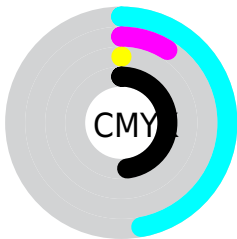
Blue (52%)



Red (27%)

Yellow (38%)

Blue (52%)

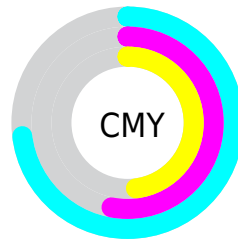


Cyan (47%)

Magenta (9%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (53%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467884 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 467884 by changing the saturation by 10% instead.



 467884

 467884

FFFFFF

 2C5F6B

 7AACB9

 0E4753

 95C8D5

 00313C

 B1E4F1

 001C26

 CDFFFF

 000111

 E9FFFF

 000000

 467884

 467884

 397584

 537B84

 2C7384

 607D84

■ 1E7084

■ 6E8084

■ 116E84

■ 7B8284

■ 046B84

■ 888584

■ 006A84

■ 958784

■ A28A84

■ B08C84

■ BD8F84

# Harmonies

## Analogous

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



487976



467884



52758D

# Triad

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



467884



89677B



767253

# Complementary

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



467884



845246

# 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.



846D55



467884



8F666B

# Square

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



467884



7A6B87



8D685D



65765A

# Rectangle

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



467884



5F728E



8D685D



7B7053



# Sweetspot

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



467884



93A6AB



468451



485457



D6D6D6



575757



# Same Dimension

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



467884



4B98AB



465A84



3C4142



006982



000203



# Inverse Universe

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



844678



AB4B98



847046



423C41



820069

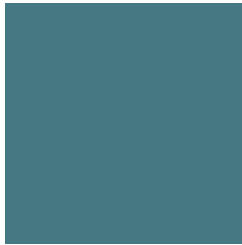


030002



# Previews

## White Background



This preview shows how the Hex color 467884 looks on a white background.

## Color Contrast Check

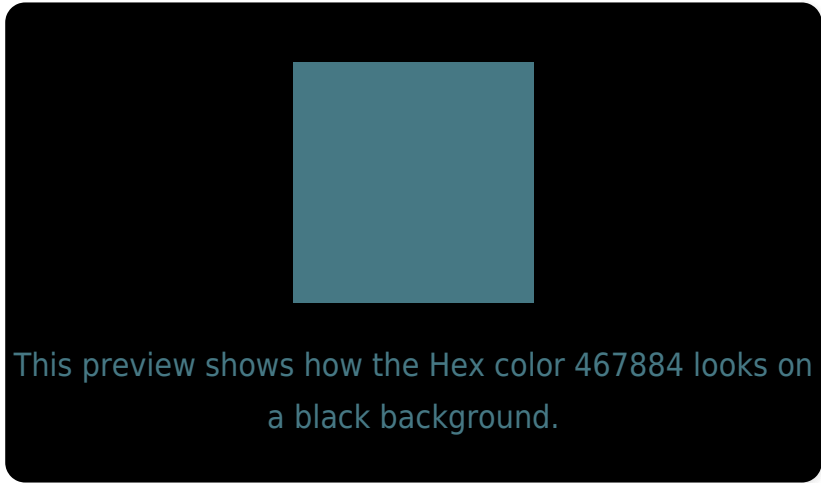
Large Text (above 18pt) WCAG AA ✓ Pass

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

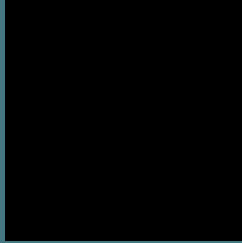
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467884 Background



This preview shows how black text looks on a background with the Hex color 467884.

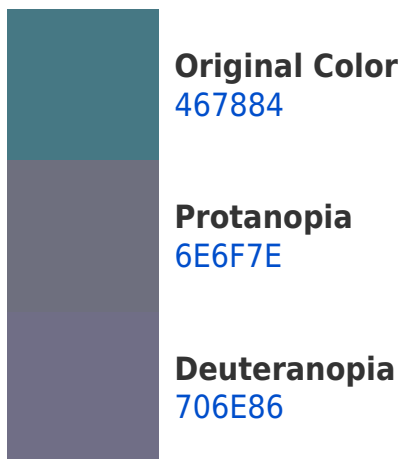


This preview shows how white text looks on a background with the Hex color 467884.

# 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**  
457882

# Trichromacy



**Original Color**  
467884

**Protanomaly**  
5F7280

**Deuteranomaly**  
617285

**Tritanomaly**  
457883

# Monochromacy



**Original Color**  
467884

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5D6F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467884 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 #467884 looks like.

```
.text, #text, p{  
    color:#467884  
}
```

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 #467884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467884
}
```

## Border

The CSS property to change the border of an element to Hex 467884 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
#467884 }
```

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

```
.border{ border-color:#467884 }
```

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

Here you see how a box with a 4 pixel #467884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467884; -webkit-box-shadow:4px 4px  
4px 4px #467884; box-shadow:4px 4px 4px  
4px #467884 }
```

# Background

The CSS property to change the background color of an element to Hex 467884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467884 }
```

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

```
.background{ background-color:#467884 }
```

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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