

# Converting Colors

Hex(467184)

Have a look what the booklet for  
Hex(467184) contains.

<b>Hex(467184)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(467184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	467184
RGB	70, 113, 132
RGB Percent	27%, 44%, 52%
CMY	0.7255, 0.5569, 0.4824
CMYK	0.47, 0.14, 0.00, 0.48
HSL	198°, 31%, 40%
HSV	198°, 47%, 52%
XYZ	12.5958, 14.7783, 24.0184
YIQ	102.3090, -31.7270, -3.2070

# Conversions

## Conversions Part 2

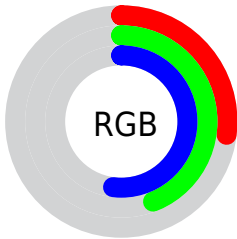
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 95, 132
Decimal	4616580
CIE <sub>Lab</sub>	45.33, -9.43, -15.10
CIE <sub>LCh</sub>	45, 17.807, 238.016
Yxy	14.7783, 0.2451, 0.2876
Android (android.graphics.Color)	4282806660 (0xFF467184)
YUV	102.3090, 14.6377, -28.3350
Hunter-Lab	38.4425, -8.7886, -10.1339

# Details

The Hex color **467184** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **845946**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7AA5B9**, and **104153** is the 20% darker color. If you saturate the color by 10%, you get **396D84**, and if you desaturate by 10%, it is **537584**.

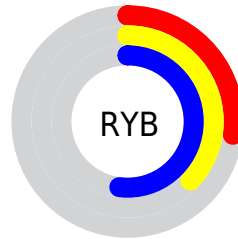
# Distribution



Red (27%)

Green (44%)

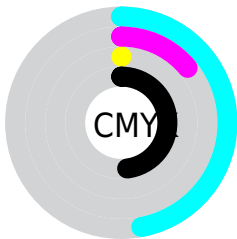
Blue (52%)



Red (27%)

Yellow (37%)

Blue (52%)

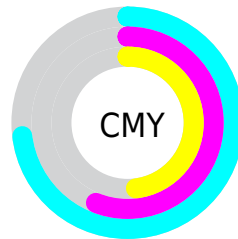


Cyan (47%)

Magenta (14%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (56%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467184 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 467184 by changing the saturation by 10% instead.



467184

467184

FFFFFF

2C596B

7AA5B9

104153

95C0D5

002B3B

B0DCF1

001726

CCF8FF

000110

E9FFFF

000000

467184

467184

396D84

537584

2C6984

607984

■ 1E6584

■ 6E7D84

■ 116184

■ 7B8184

■ 045D84

■ 888584

■ 005C84

■ 958984

■ A28D84

■ B09184

■ BD9584

# Harmonies

## Analogous

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



407379



467184



586D89

# Triad

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



467184



88616D



676F51

# Complementary

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



467184



845946

# 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.



776A4E



467184



89615E

# Square

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



467184



7E637B



836553



56725B

# Rectangle

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



467184



666A87



836553



6D6D4F



# Sweetspot

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



467184



93A4AB



468459



485257



D6D6D6



575757



# Same Dimension

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



467184



4B8EAB



465284



3C4042



005A82



000203



# Inverse Universe

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



844671



AB4B8E



847846



423C40



82005A



030002



# Previews

## White Background



This preview shows how the Hex color 467184 looks on a white background.

## Color Contrast Check

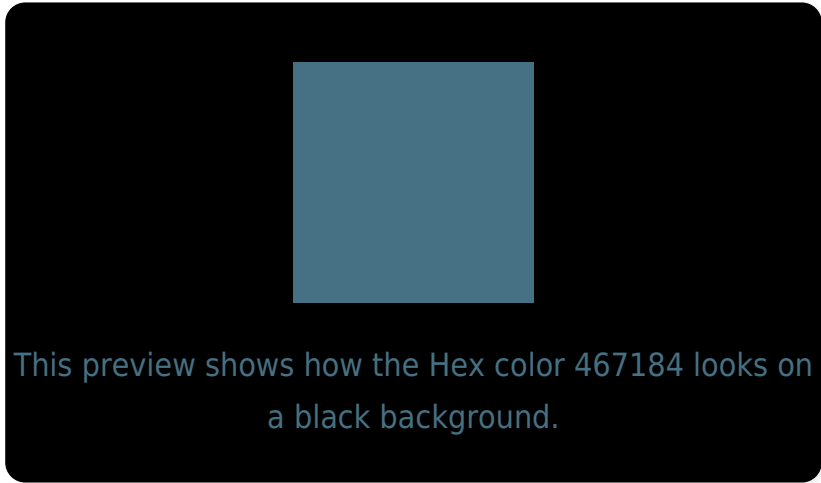
Large Text (above 18pt) WCAG AA ✓ Pass

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

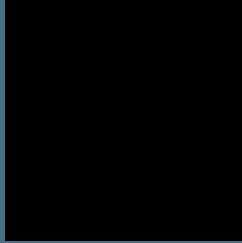
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467184 Background



This preview shows how black text looks on a background with the Hex color 467184.

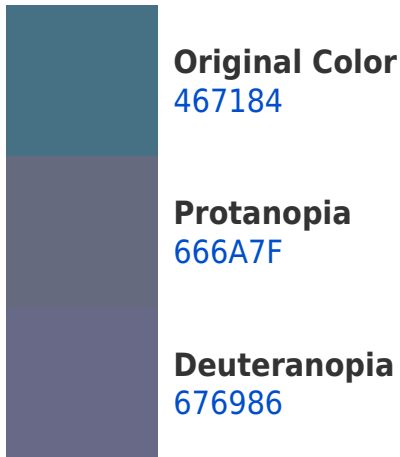


This preview shows how white text looks on a background with the Hex color 467184.

# 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**  
43727C

# Trichromacy



**Original Color**  
467184

**Protanomaly**  
5A6D81

**Deuteranomaly**  
5B6C85

**Tritanomaly**  
44727F

# Monochromacy



**Original Color**  
467184

**Achromatopsia**  
666666

**Achromatomaly**  
5A6A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467184 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 #467184 looks like.

```
.text, #text, p{  
    color:#467184  
}
```

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 #467184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467184
}
```

## Border

The CSS property to change the border of an element to Hex 467184 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
#467184 }
```

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

```
.border{ border-color:#467184 }
```

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

Here you see how a box with a 4 pixel #467184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467184; -webkit-box-shadow:4px 4px  
4px 4px #467184; box-shadow:4px 4px 4px  
4px #467184 }
```

# Background

The CSS property to change the background color of an element to Hex 467184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467184 }
```

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

```
.background{ background-color:#467184 }
```

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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