

# Converting Colors

Hex(417284)

Have a look what the booklet for  
Hex(417284) contains.

<b>Hex(417284)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(417284)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	417284
RGB	65, 114, 132
RGB Percent	25%, 45%, 52%
CMY	0.7451, 0.5529, 0.4824
CMYK	0.51, 0.14, 0.00, 0.48
HSL	196°, 34%, 39%
HSV	196°, 51%, 52%
XYZ	12.3621, 14.8244, 24.0396
YIQ	101.4010, -34.9820, -4.7900

# Conversions

## Conversions Part 2

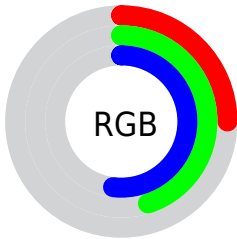
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 93, 132
Decimal	4289156
CIE Lab	45.39, -11.29, -15.03
CIE LCh	45, 18.800, 233.081
Yxy	14.8244, 0.2413, 0.2894
Android (android.graphics.Color)	4282479236 (0xFF417284)
YUV	101.4010, 15.0853, -31.9237
Hunter-Lab	38.5025, -10.0675, -10.0670

# Details

The Hex color **417284** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **845341**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **75A6B9**, and **054253** is the 20% darker color. If you saturate the color by 10%, you get **346E84**, and if you desaturate by 10%, it is **4E7684**.

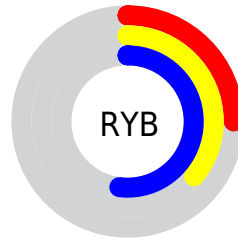
# Distribution



 Red (25%)

 Green (45%)

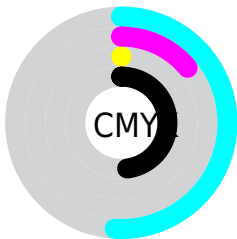
 Blue (52%)




 Red (25%)

 Yellow (36%)

 Blue (52%)

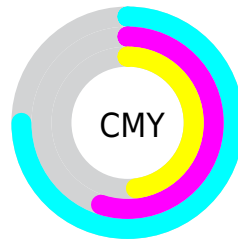


 Cyan (51%)


 Magenta (14%)

 Yellow (0%)

 Black (48%)



 Cyan (75%)

 Magenta (55%)

 Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 417284 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 417284 by changing the saturation by 10% instead.



■ 417284

■ 417284

FFFFFF

■ 26596B

■ 75A6B9

■ 054253

■ 90C1D5

■ 002C3B

■ ACDDF1

■ 001826

■ C8FAFF

■ 000110

■ E4FFFF

■ 000000

■ 417284

■ 417284

■ 346E84

■ 4E7684

■ 276B84

■ 5B7984

196784

697D84

0C6484

768084

006184

838484

908784

9D8B84

AB8E84

B89284

# Harmonies

## Analogous

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



3D7477



417284



536E8A

# Triad

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



417284



886070



6A6E4E

# Complementary

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



417284



845341

# 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.



7A694C



417284



8B6160

# Square

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



417284



7C637E



866453



587258

# Rectangle

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



417284



626B8A



866453



706D4D



# Sweetspot

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



417284



91A4AB



418453



475357



D6D6D6



575757



# Same Dimension

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



417284



438FAB



415184



3C4142



005F82



000203



# Inverse Universe

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



844172



AB438F



847441



423C41



82005F



030002



# Previews

## White Background



This preview shows how the Hex color 417284 looks on a white background.

## Color Contrast Check

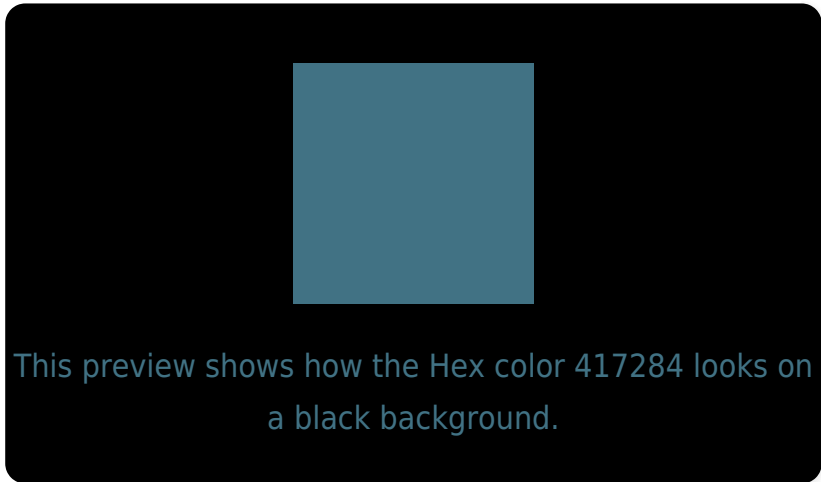
Large Text (above 18pt) WCAG AA ✓ Pass

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

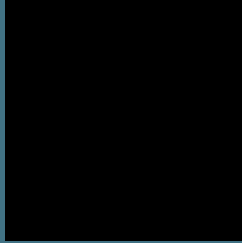
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

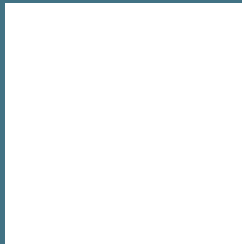
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 417284 Background



This preview shows how black text looks on a background with the Hex color 417284.

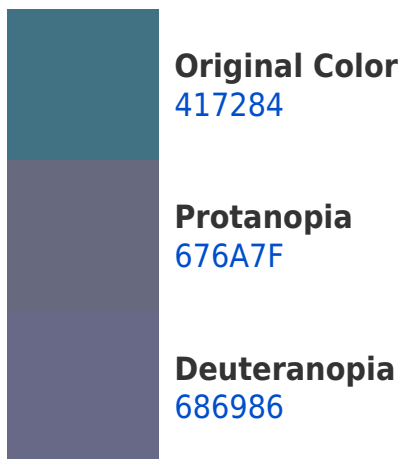


This preview shows how white text looks on a background with the Hex color 417284.

# 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**  
3E737D

# Trichromacy



**Original Color**  
417284

**Protanomaly**  
596D81

**Deuteranomaly**  
5A6C85

**Tritanomaly**  
3F7380

# Monochromacy



**Original Color**  
417284

**Achromatopsia**  
656565

**Achromatomaly**  
586A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 417284 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 #417284 looks like.

```
.text, #text, p{  
    color:#417284  
}
```

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 #417284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417284
}
```

## Border

The CSS property to change the border of an element to Hex 417284 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
#417284 }
```

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

```
.border{ border-color:#417284 }
```

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

Here you see how a box with a 4 pixel #417284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417284; -webkit-box-shadow:4px 4px  
4px 4px #417284; box-shadow:4px 4px 4px  
4px #417284 }
```

# Background

The CSS property to change the background color of an element to Hex 417284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417284 }
```

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

```
.background{ background-color:#417284 }
```

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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