

Converting Colors

Hex(417487)

Have a look what the booklet for
Hex(417487) contains.

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Color

Hex(417487)

Conversions

Conversions Part 1

Format	Color
Hex	417487
RGB	65, 116, 135
RGB Percent	25%, 45%, 53%
CMY	0.7451, 0.5451, 0.4706
CMYK	0.52, 0.14, 0.00, 0.47
HSL	196°, 35%, 39%
HSV	196°, 52%, 53%
XYZ	12.7985, 15.3639, 25.2126
YIQ	102.9170, -36.4950, -4.9030

Conversions

Conversions Part 2

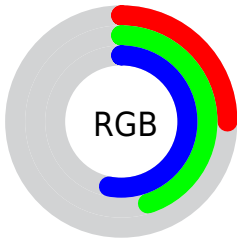
Format	Color
R _Y B	65, 95, 135
Decimal	4289671
CIE Lab	46.13, -11.52, -15.70
CIE LCh	46, 19.469, 233.728
Yxy	15.3639, 0.2398, 0.2878
Android (android.graphics.Color)	4282479751 (0xFF417487)
YUV	102.9170, 15.8169, -33.2532
Hunter-Lab	39.1968, -10.3105, -10.6995

Details

The Hex color **417487** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **875441**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76A8BC**, and **034455** is the 20% darker color. If you saturate the color by 10%, you get **337087**, and if you desaturate by 10%, it is **4E7887**.

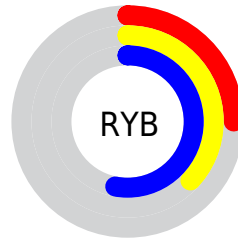
Distribution



Red (25%)

Green (45%)

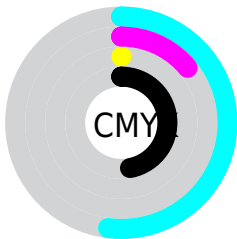
Blue (53%)



Red (25%)

Yellow (37%)

Blue (53%)

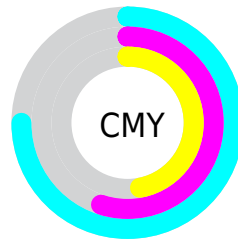


Cyan (52%)

Magenta (14%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417487 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 417487 by changing the saturation by 10% instead.

■ 417487

■ 417487

FFFFFF

■ 265B6E

■ 76A8BC

■ 034455

■ 91C3D8

■ 002E3E

■ ACDF5

■ 001A28

■ C8FCFF

■ 000113

■ E5FFFF

■ 000000

■ 417487

■ 417487

■ 337087

■ 4E7887

■ 266D87

■ 5C7B87

■ 186987

■ 6A7F87

■ 0B6587

■ 778387

■ 006287

■ 848687

■ 928A87

■ 9F8E87

■ AD9187

■ BB9587

Harmonies

Analogous

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



3C767A



417487



54708D

Triad

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



417487



8B6271



6B704F

Complementary

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



417487



875441

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.



7C6B4D



417487



8E6261

Square

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



417487



7F6581



896654



59745A

Rectangle

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



417487



646C8D



896654



716F4D

Sweetspot

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



417487



94A8B0



418754



485559



D9D9D9



595959

Same Dimension

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



417487



4392B0



415187



3C4142



005F82



000203

Inverse Universe

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



874174



B04392



877741



423C41



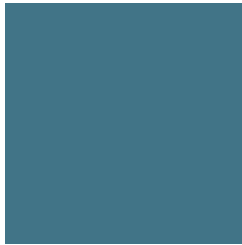
82005F



030002

Previews

White Background



This preview shows how the Hex color 417487 looks on a white background.

Color Contrast Check

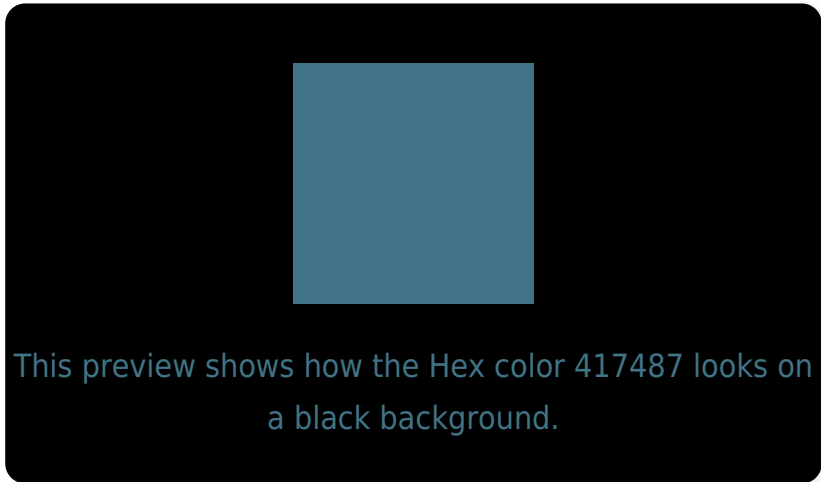
Large Text (above 18pt) WCAG AA ✓ Pass

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

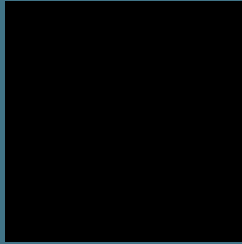
Any Text WCAG AA × Fail

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 417487 Background



This preview shows how black text looks on a background with the Hex color 417487.

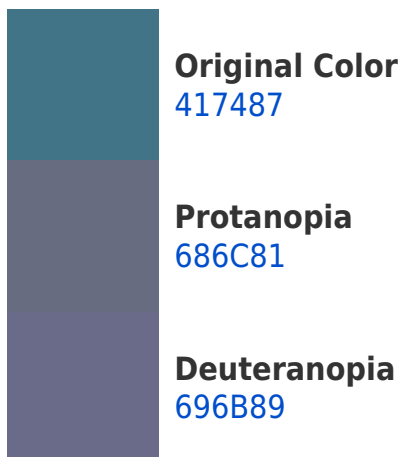


This preview shows how white text looks on a background with the Hex color 417487.

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
3E757F

Trichromacy



Original Color
417487

Protanomaly
5A6F83

Deuteranomaly
5A6E88

Tritanomaly
3F7582

Monochromacy



Original Color
417487

Achromatopsia
676767

Achromatomaly
596C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 417487 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 #417487 looks like.

```
.text, #text, p{  
    color:#417487  
}
```

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 #417487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417487
}
```

Border

The CSS property to change the border of an element to Hex 417487 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
#417487 }
```

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

```
.border{ border-color:#417487 }
```

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

Here you see how a box with a 4 pixel #417487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417487; -webkit-box-shadow:4px 4px  
4px 4px #417487; box-shadow:4px 4px 4px  
4px #417487 }
```

Background

The CSS property to change the background color of an element to Hex 417487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417487 }
```

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

```
.background{ background-color:#417487 }
```

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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