

Converting Colors

Hex(417582)

Have a look what the booklet for
Hex(417582) contains.

Hex(417582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(417582)

Conversions

Conversions Part 1

Format	Color
Hex	417582
RGB	65, 117, 130
RGB Percent	25%, 46%, 51%
CMY	0.7451, 0.5412, 0.4902
CMYK	0.50, 0.10, 0.00, 0.49
HSL	192°, 33%, 38%
HSV	192°, 50%, 51%
XYZ	12.5705, 15.4581, 23.4403
YIQ	102.9340, -35.1650, -6.9810

Conversions

Conversions Part 2

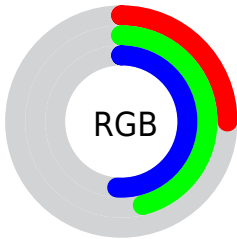
Format	Color
R_{YB}	65, 94, 130
Decimal	4289922
CIE _{Lab}	46.26, -13.60, -12.53
CIE _{LCh}	46, 18.489, 222.664
Yxy	15.4581, 0.2442, 0.3003
Android (android.graphics.Color)	4282480002 (0xFF417582)
YUV	102.9340, 13.3435, -33.2681
Hunter-Lab	39.3168, -11.7336, -7.8263

Details

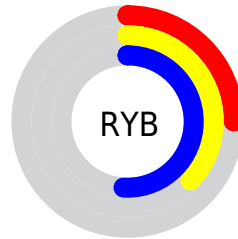
The Hex color **417582** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **824E41**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A9B7**, and **054551** is the 20% darker color. If you saturate the color by 10%, you get **347282**, and if you desaturate by 10%, it is **4E7882**.

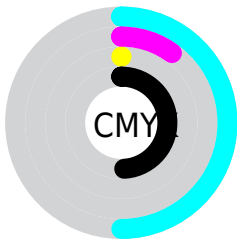
Distribution



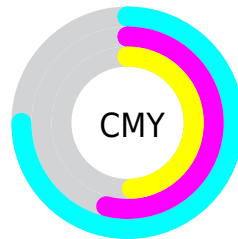
- Red (25%)
- Green (46%)
- Blue (51%)



- Red (25%)
- Yellow (37%)
- Blue (51%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417582 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 417582 by changing the saturation by 10% instead.

■ 417582

■ 417582

FFFFFF

■ 265C69

■ 75A9B7

■ 054551

■ 90C4D3

■ 002E3A

■ ACE0EF

■ 001A24

■ C8FDFF

■ 00010E

■ E4FFFF

■ 000000

■ 417582

■ 417582

■ 347282

■ 4E7882

■ 277082

■ 5B7A82

■ 1A6D82

■ 687D82

■ 0D6B82

■ 757F82

■ 006882

■ 828282

■ 8F8582

■ 9C8782

■ A98A82

■ B68C82

Harmonies

Analogous

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



427674



417582



4F728B

Triad

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



417582



876377



726F4F

Complementary

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



417582



824E41

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.



816A50



417582



8D6267

Square

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



417582



786784



8B6559



617356

Rectangle

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



417582



5C6F8C



8B6559



786D4F

Sweetspot

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



417582



8FA3A8



41824E



455154



D4D4D4



545454

Same Dimension

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



417582



4394A8



415482



393E40



006680



000000

Inverse Universe

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



824175



A84394



826E41



40393E



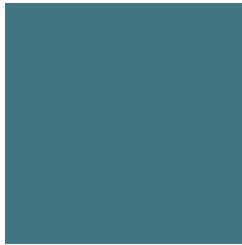
800066



000000

Previews

White Background



This preview shows how the Hex color 417582 looks on a white background.

Color Contrast Check

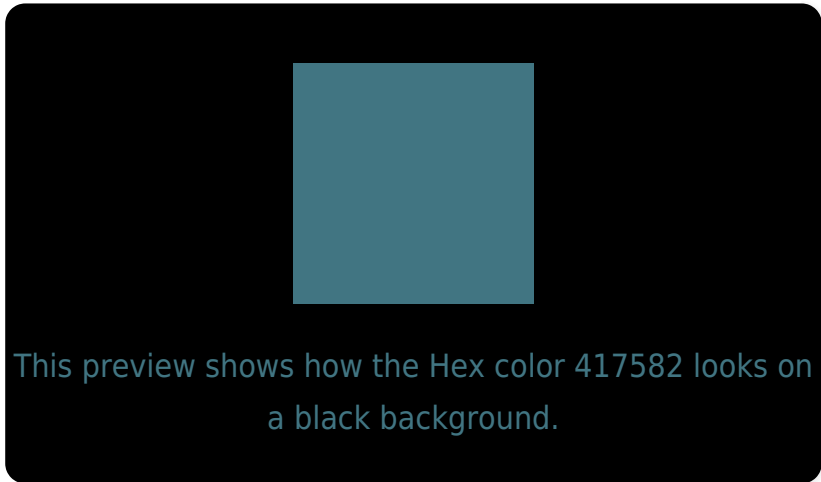
Large Text (above 18pt) WCAG AA ✓ Pass

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

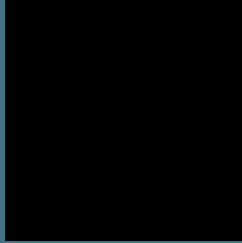
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

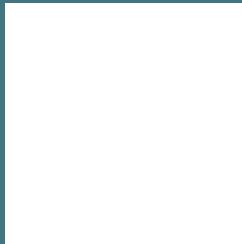
Any Text WCAG AAA × Fail

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

Hex 417582 Background



This preview shows how black text looks on a background with the Hex color 417582.

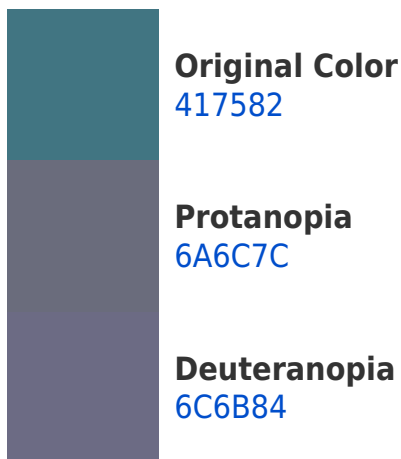



This preview shows how white text looks on a background with the Hex color 417582.

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](#).

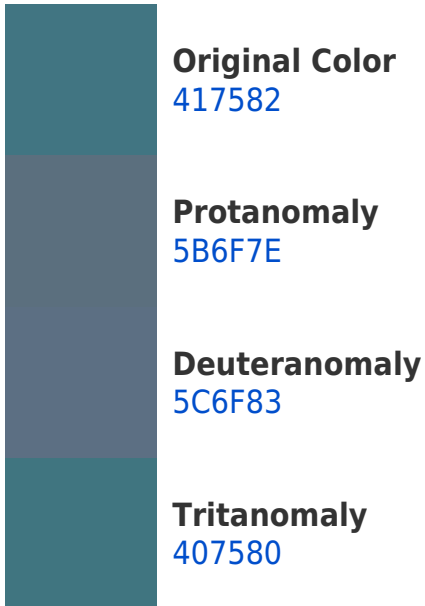
Dichromacy





Tritanopia
40757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417582 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 #417582 looks like.

```
.text, #text, p{  
    color:#417582  
}
```

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 #417582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417582
}
```

Border

The CSS property to change the border of an element to Hex 417582 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
#417582 }
```

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

```
.border{ border-color:#417582 }
```

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

Here you see how a box with a 4 pixel #417582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417582; -webkit-box-shadow:4px 4px  
4px 4px #417582; box-shadow:4px 4px 4px  
4px #417582 }
```

Background

The CSS property to change the background color of an element to Hex 417582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417582 }
```

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

```
.background{ background-color:#417582 }
```

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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