

Converting Colors

Hex(417392)

Have a look what the booklet for
Hex(417392) contains.

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Color

Hex(417392)

Conversions

Conversions Part 1

Format	Color
Hex	417392
RGB	65, 115, 146
RGB Percent	25%, 45%, 57%
CMY	0.7451, 0.5490, 0.4275
CMYK	0.55, 0.21, 0.00, 0.43
HSL	203°, 38%, 41%
HSV	203°, 55%, 57%
XYZ	13.4990, 15.4606, 29.4669
YIQ	103.5840, -39.7510, -0.9590

Conversions

Conversions Part 2

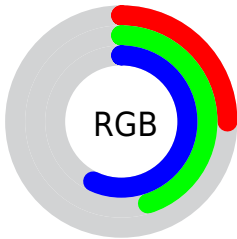
Format	Color
RYB	65, 96, 146
Decimal	4289426
CIELab	46.26, -7.49, -22.02
CIElCh	46, 23.261, 251.226
Yxy	15.4606, 0.2310, 0.2646
Android (android.graphics.Color)	4282479506 (0xFF417392)
YUV	103.5840, 20.9111, -33.8382
Hunter-Lab	39.3200, -7.5288, -16.9086




Details

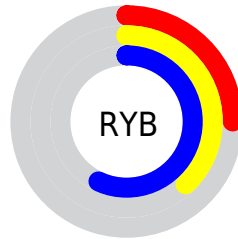
The Hex color **417392** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **926041**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **77A7C8**, and **00435F** is the 20% darker color. If you saturate the color by 10%, you get **326D92**, and if you desaturate by 10%, it is **507992**.

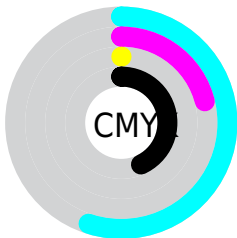
Distribution







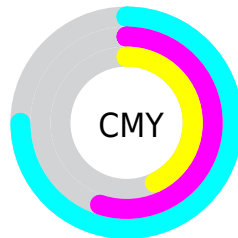
-  Red (25%)
-  Green (45%)
-  Blue (57%)






-  Red (25%)
-  Yellow (38%)
-  Blue (57%)



-  Cyan (55%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (75%)
-  Magenta (55%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417392 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 417392 by changing the saturation by 10% instead.

 417392

 417392

FFFFFF

 255A78

 77A7C8

 00435F

 92C2E4

 002D48

 AEDEFF

 001931

 CAFAFF

 00011C

 E7FFFF

 000000

 417392

 417392

 326D92

 507992

 246892

 5E7E92

■ 156292

■ 6D8492

■ 075D92

■ 7B8992

■ 005A92

■ 8A8F92

■ 999592

■ A79A92

■ B6A092

■ C4A592

Harmonies

Analogous

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



2D7787



417392



5F6D94

Triad

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



417392



945F67



5E7450

Complementary

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



417392



926041

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.



746F47



417392



916255

Square

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



417392



8C607B



866849



477760

Rectangle

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



417392



71688F



866849



66724C

Sweetspot

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



417392



9DB0BD



41925F



4B575E



DEDEDE



5E5E5E

Same Dimension

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



417392



3E8CBD



414C92



43474A



00558A



00060A

Inverse Universe

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



924173



BD3E8C



928741



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 417392 looks on a white background.

Color Contrast Check

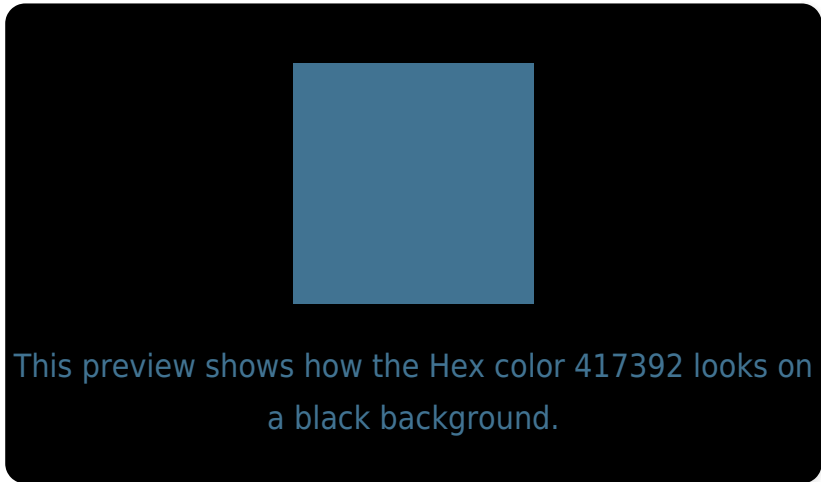
Large Text (above 18pt) WCAG AA ✓ Pass

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

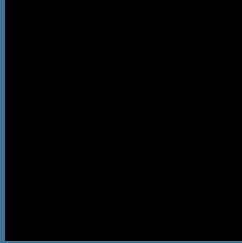
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

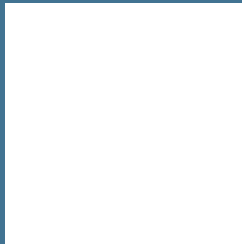
Any Text WCAG AAA × Fail

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

Hex 417392 Background



This preview shows how black text looks on a background with the Hex color 417392.

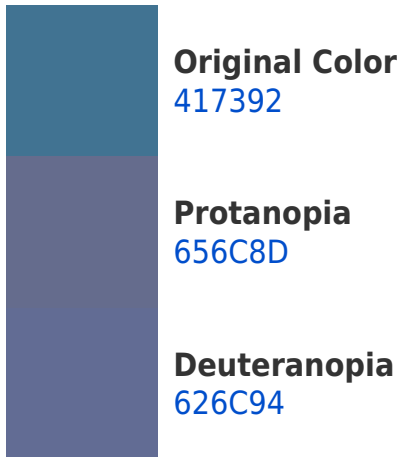



This preview shows how white text looks on a background with the Hex color 417392.

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](#).

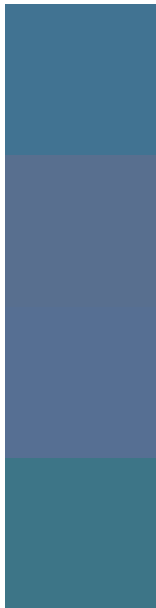
Dichromacy





Tritanopia
3A7680

Trichromacy



Original Color
417392

Protanomaly
586F8F

Deuteranomaly
566F93

Tritanomaly
3D7587

Monochromacy



Original Color
417392

Achromatopsia
686868

Achromatomaly
5A6C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 417392 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 #417392 looks like.

```
.text, #text, p{  
    color:#417392  
}
```

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 #417392 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417392
}
```

Border

The CSS property to change the border of an element to Hex 417392 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
#417392 }
```

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

```
.border{ border-color:#417392 }
```

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

Here you see how a box with a 4 pixel #417392 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417392; -webkit-box-shadow:4px 4px  
4px 4px #417392; box-shadow:4px 4px 4px  
4px #417392 }
```

Background

The CSS property to change the background color of an element to Hex 417392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417392 }
```

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

```
.background{ background-color:#417392 }
```

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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