

Converting Colors

Hex(247385)

Have a look what the booklet for
Hex(247385) contains.

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Color

Hex(247385)

Conversions

Conversions Part 1

Format	Color
Hex	247385
RGB	36, 115, 133
RGB Percent	14%, 45%, 52%
CMY	0.8588, 0.5490, 0.4784
CMYK	0.73, 0.14, 0.00, 0.48
HSL	191°, 57%, 33%
HSV	191°, 73%, 52%
XYZ	11.0919, 14.3300, 24.3717
YIQ	93.4310, -52.8620, -11.1500

Conversions

Conversions Part 2

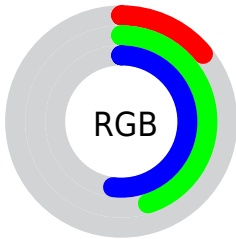
Format	Color
R_{YB}	36, 80, 133
Decimal	2388869
CIE _{Lab}	44.70, -17.31, -16.77
CIE _{LCh}	45, 24.104, 224.099
Yxy	14.3300, 0.2228, 0.2878
Android (android.graphics.Color)	4280578949 (0xFF247385)
YUV	93.4310, 19.5075, -50.3670
Hunter-Lab	37.8550, -13.9437, -11.6734




Details

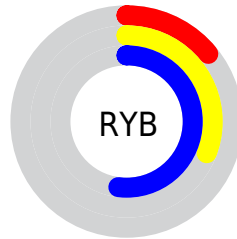
The Hex color **247385** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **853624**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **5FA7BA**, and **004353** is the 20% darker color. If you saturate the color by 10%, you get **177185**, and if you desaturate by 10%, it is **317585**.

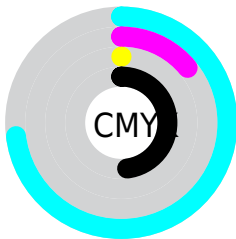
Distribution







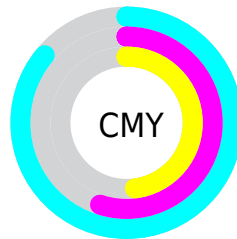
-  Red (14%)
-  Green (45%)
-  Blue (52%)






-  Red (14%)
-  Yellow (31%)
-  Blue (52%)



-  Cyan (73%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (86%)
-  Magenta (55%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247385 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 247385 by changing the saturation by 10% instead.

■ 247385

■ 247385

FFFFFF

■ 005A6C

■ 5FA7BA

■ 004353

■ 7BC2D6

■ 002C3C

■ 97DEF2

■ 001926

■ B3FBFF

■ 000111

■ D0FFFF

■ 000000

■ EDFFFF

■ 247385

■ 247385

■ 177185

■ 317585

096E85

3F7885

006C85

4C7A85

597D85

677F85

748285

818485

8E8785

9C8985

Harmonies

Analogous

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



287573



247385



3D6F90

Triad

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



247385



8A5C75



6E6C42

Complementary

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



247385



853624

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.



816543



247385



915B61

Square

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



247385



786187



8E5E4F



57714C

Rectangle

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



247385



526B91



8E5E4F



756941

Sweetspot

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



247385



87A6AD



248536



405357



D6D6D6



575757

Same Dimension

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



247385



1591AD



244385



3C4142



006A82



000203

Inverse Universe

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



852473



AD1591



856624



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 247385 looks on a white background.

Color Contrast Check

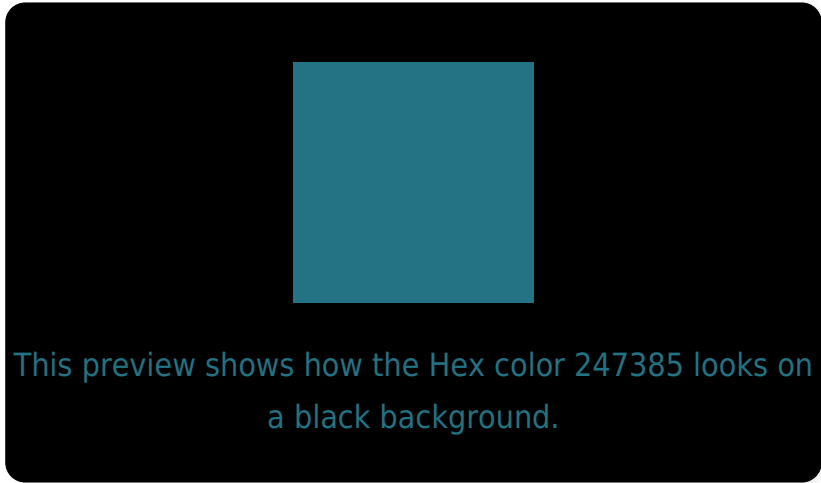
Large Text (above 18pt) WCAG AA ✓ Pass

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

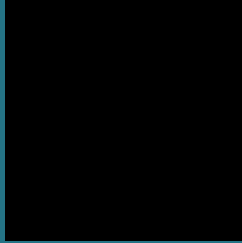
Any Text WCAG AA × Fail

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 247385 Background



This preview shows how black text looks on a background with the Hex color 247385.

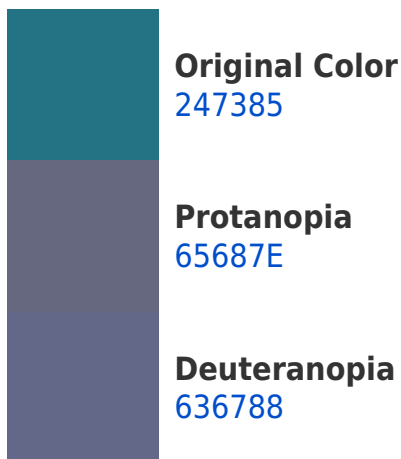


This preview shows how white text looks on a background with the Hex color 247385.

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](#).

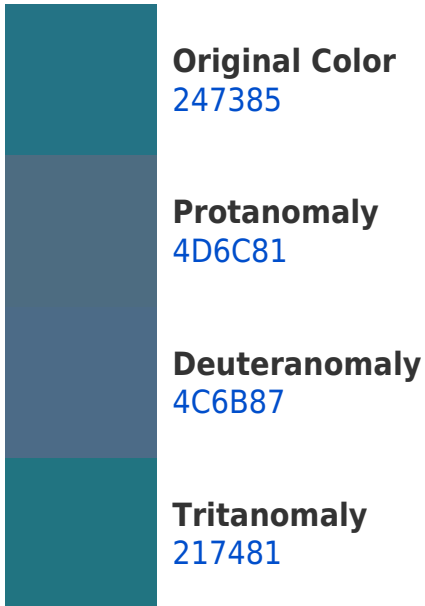
Dichromacy





Tritanopia
1F747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 247385 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 #247385 looks like.

```
.text, #text, p{  
    color:#247385  
}
```

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 #247385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247385
}
```

Border

The CSS property to change the border of an element to Hex 247385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

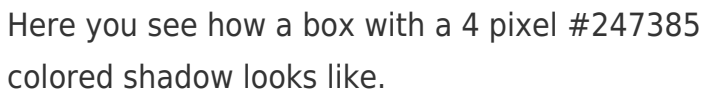
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#247385 }
```

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

```
.border{ border-color:#247385 }
```

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



Here you see how a box with a 4 pixel #247385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247385; -webkit-box-shadow:4px 4px  
4px 4px #247385; box-shadow:4px 4px 4px  
4px #247385 }
```

Background

The CSS property to change the background color of an element to Hex 247385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247385 }
```

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

```
.background{ background-color:#247385 }
```

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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