

Converting Colors

Hex(407584)

Have a look what the booklet for
Hex(407584) contains.

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Color

Hex(407584)

Conversions

Conversions Part 1

Format	Color
Hex	407584
RGB	64, 117, 132
RGB Percent	25%, 46%, 52%
CMY	0.7490, 0.5412, 0.4824
CMYK	0.52, 0.11, 0.00, 0.48
HSL	193°, 35%, 38%
HSV	193°, 52%, 52%
XYZ	12.6405, 15.4785, 24.1512
YIQ	102.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

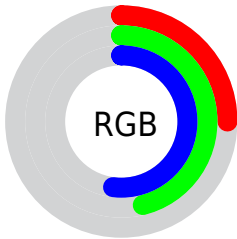
Format	Color
RYB	64, 94, 132
Decimal	4224388
CIELab	46.28, -13.24, -13.68
CIElCh	46, 19.041, 225.937
Yxy	15.4785, 0.2418, 0.2961
Android (android.graphics.Color)	4282414468 (0xFF407584)
YUV	102.8630, 14.3645, -34.0829
Hunter-Lab	39.3427, -11.4992, -8.8563

Details

The Hex color **407584** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **844F40**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A9B9**, and **024553** is the 20% darker color. If you saturate the color by 10%, you get **337284**, and if you desaturate by 10%, it is **4D7884**.

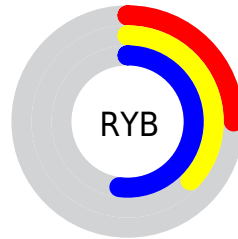
Distribution



Red (25%)

Green (46%)

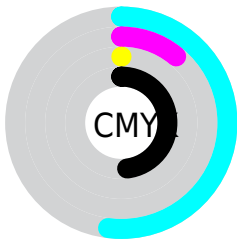
Blue (52%)



Red (25%)

Yellow (37%)

Blue (52%)

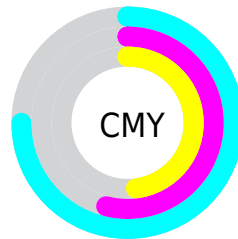


Cyan (52%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (54%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407584 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 407584 by changing the saturation by 10% instead.

 407584

 407584

FFFFFF

 255C6B

 75A9B9

 024553

 90C4D5

 002E3B

 ABE0F1

 001A26

 C7FDFF

 000110

 E4FFFF

 000000

 407584

 407584

 337284

 4D7884

 266F84

 5A7B84

186C84

687E84

0B6984

758184

006784

828484

8F8684

9C8984

AA8C84

B78F84

Harmonies

Analogous

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



407776



407584



50718C

Triad

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



407584



896376



706F4F

Complementary

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



407584



844F40

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.



806A4F



407584



8E6266

Square

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



407584



7B6784



8B6557



5E7457

Rectangle

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



407584



5E6E8D



8B6557



766E4E

Sweetspot

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



407584



91A5AB



40844F



475357



D6D6D6



575757

Same Dimension

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



407584



4193AB



405384



3C4142



006582



000203

Inverse Universe

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



844075



AB4193



847140



423C41



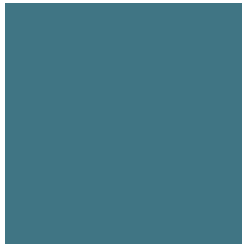
820065



030002

Previews

White Background



This preview shows how the Hex color 407584 looks on a white background.

Color Contrast Check

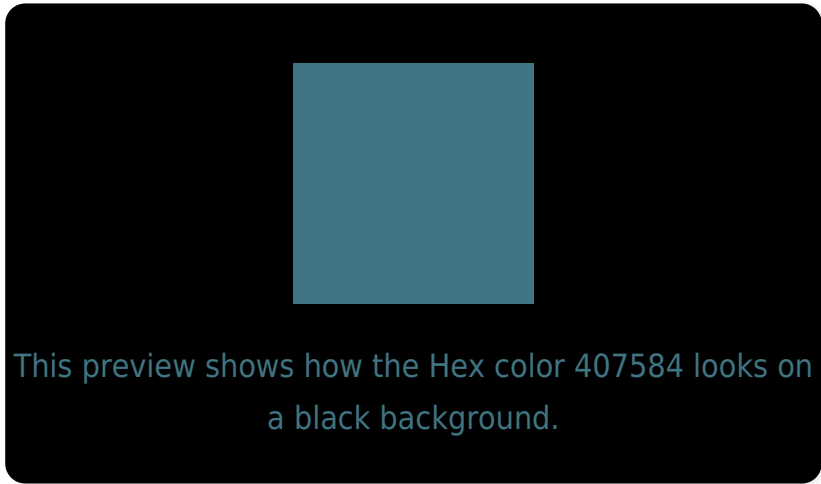
Large Text (above 18pt) WCAG AA ✓ Pass

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

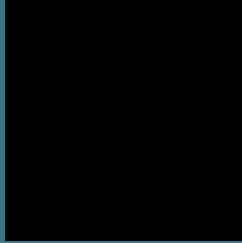
Any Text WCAG AA × Fail

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 407584 Background



This preview shows how black text looks on a background with the Hex color 407584.

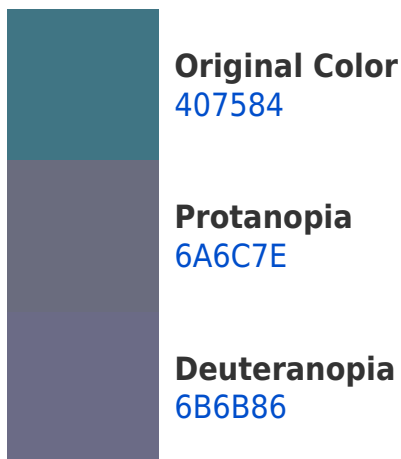


This preview shows how white text looks on a background with the Hex color 407584.

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
3E767F

Trichromacy



Original Color
407584

Protanomaly
5B6F80

Deuteranomaly
5B6F85

Tritanomaly
3F7681

Monochromacy



Original Color
407584

Achromatopsia
676767

Achromatomaly
596C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 407584 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 #407584 looks like.

```
.text, #text, p{  
    color:#407584  
}
```

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 #407584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407584
}
```

Border

The CSS property to change the border of an element to Hex 407584 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
#407584 }
```

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

```
.border{ border-color:#407584 }
```

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

Here you see how a box with a 4 pixel #407584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407584; -webkit-box-shadow:4px 4px  
4px 4px #407584; box-shadow:4px 4px 4px  
4px #407584 }
```

Background

The CSS property to change the background color of an element to Hex 407584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407584 }
```

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

```
.background{ background-color:#407584 }
```

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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