

Converting Colors

Hex(337588)

Have a look what the booklet for
Hex(337588) contains.

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Color

Hex(337588)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 337588 |
| RGB | 51, 117, 136 |
| RGB Percent | 20%, 46%, 53% |
| CMY | 0.8000, 0.5412, 0.4667 |
| CMYK | 0.63, 0.14, 0.00, 0.47 |
| HSL | 193°, 45%, 37% |
| HSV | 193°, 62%, 53% |
| XYZ | 12.1705, 15.2040, 25.5858 |
| YIQ | 99.4320, -45.4350, -8.0830 |

Conversions

Conversions Part 2

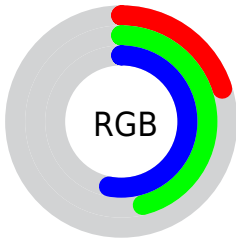
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 51, 88, 136 |
| Decimal | 3372424 |
| CIE _{Lab} | 45.91, -14.85, -16.67 |
| CIE _{LCh} | 46, 22.326, 228.311 |
| Yxy | 15.2040, 0.2298, 0.2871 |
| Android (android.graphics.Color) | 4281562504 (0xFF337588) |
| YUV | 99.4320, 18.0280, -42.4749 |
| Hunter-Lab | 38.9923, -12.5221, -11.6101 |




Details

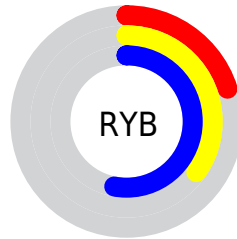
The Hex color **337588** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **884633**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **6AA9BD**, and **004556** is the 20% darker color. If you saturate the color by 10%, you get **257288**, and if you desaturate by 10%, it is **417888**.

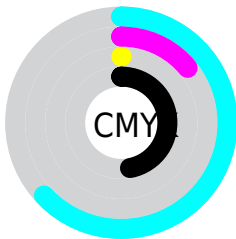
Distribution







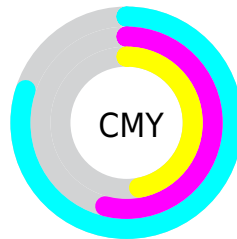
-  Red (20%)
-  Green (46%)
-  Blue (53%)






-  Red (20%)
-  Yellow (35%)
-  Blue (53%)



-  Cyan (63%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (80%)
-  Magenta (54%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337588 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 337588 by changing the saturation by 10% instead.



337588



337588

FFFFFF



115C6F



6AA9BD



004556



86C4D9



002E3F



A1E0F6



001B29



BEFDFE



000114



DAFFFF



000000



F8FFFF



337588



337588



257288



417888

■ 186F88

■ 4E7B88

■ 0A6C88

■ 5C7E88

■ 006A88

■ 698188

■ 778488

■ 858788

■ 928A88

■ A08D88

■ AD9088

Harmonies

Analogous

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



327778



337588



497191

Triad

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



337588



8D5F75



6E6F49

Complementary

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



337588



884633

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.



806948



337588



925F62

Square

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



337588



7D6486



8D6352



597453

Rectangle

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



337588



5C6D91



8D6352



756D48

Sweetspot

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



337588



8FA8B0



338845



455559



D9D9D9



595959

Same Dimension

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



337588



2C92B0



334B88



3E4345



006785



000405

Inverse Universe

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



883375



B02C92



887033



453E43



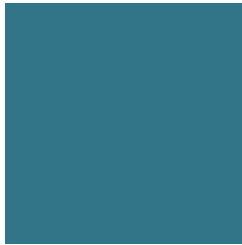
850067



050004

Previews

White Background



This preview shows how the Hex color 337588 looks on a white background.

Color Contrast Check

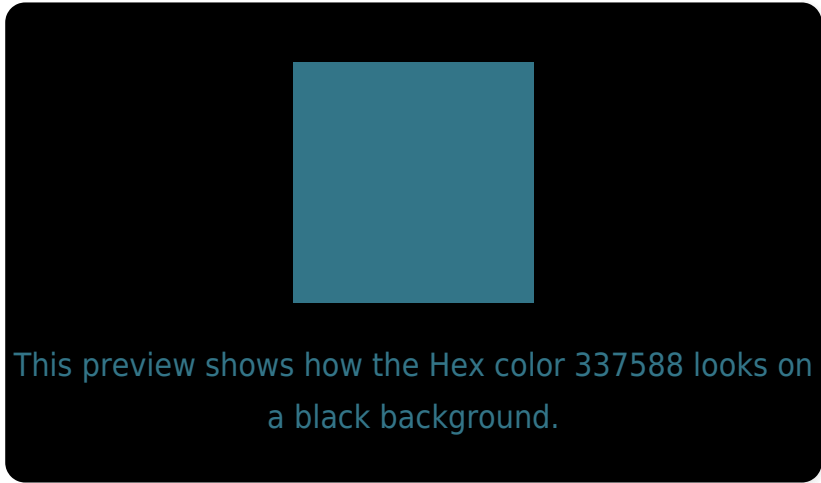
Large Text (above 18pt) WCAG AA ✓ Pass

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

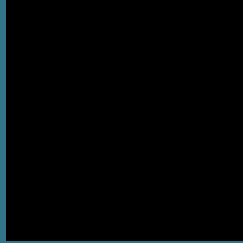
Any Text WCAG AA × Fail

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 337588 Background



This preview shows how black text looks on a background with the Hex color 337588.

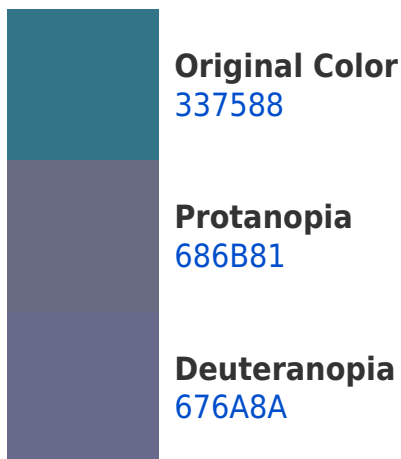


This preview shows how white text looks on a background with the Hex color 337588.

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](#).

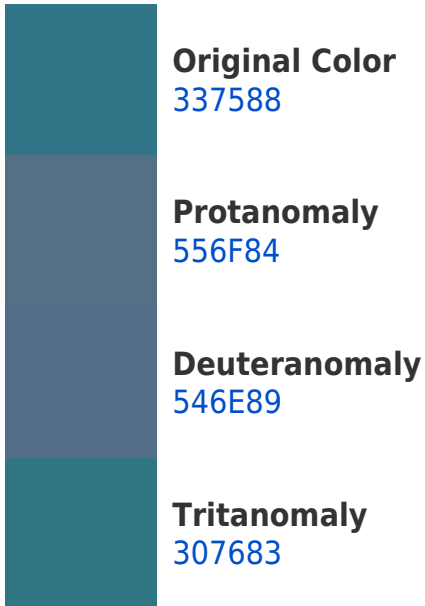
Dichromacy





Tritanopia
2F7680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337588 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 #337588 looks like.

```
.text, #text, p{  
    color:#337588  
}
```

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 #337588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337588
}
```

Border

The CSS property to change the border of an element to Hex 337588 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
#337588 }
```

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

```
.border{ border-color:#337588 }
```

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

Here you see how a box with a 4 pixel #337588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337588; -webkit-box-shadow:4px 4px  
4px 4px #337588; box-shadow:4px 4px 4px  
4px #337588 }
```

Background

The CSS property to change the background color of an element to Hex 337588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337588 }
```

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

```
.background{ background-color:#337588 }
```

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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