

Converting Colors

Hex(337468)

Have a look what the booklet for
Hex(337468) contains.

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Color

Hex(337468)

Conversions

Conversions Part 1

Format	Color
Hex	337468
RGB	51, 116, 104
RGB Percent	20%, 45%, 41%
CMY	0.8000, 0.5451, 0.5922
CMYK	0.56, 0.00, 0.10, 0.55
HSL	169°, 39%, 33%
HSV	169°, 56%, 45%
XYZ	10.1093, 14.1941, 15.3036
YIQ	95.1970, -34.8880, -17.5120

Conversions

Conversions Part 2

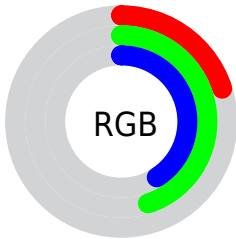
Format	Color
RYB	51, 87, 116
Decimal	3372136
CIELab	44.51, -23.92, 0.34
CIElCh	45, 23.922, 179.182
Yxy	14.1941, 0.2552, 0.3584
Android (android.graphics.Color)	4281562216 (0xFF337468)
YUV	95.1970, 4.3399, -38.7608
Hunter-Lab	37.6750, -18.0344, 2.2889

Details

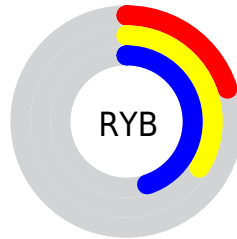
The Hex color **337468** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74333F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **68A89B**, and **004339** is the 20% darker color. If you saturate the color by 10%, you get **277466**, and if you desaturate by 10%, it is **3F746A**.

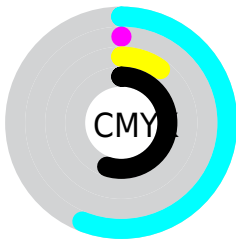
Distribution



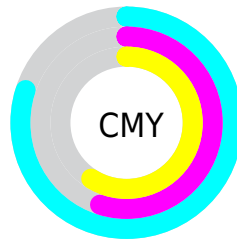
- Red (20%)
- Green (45%)
- Blue (41%)



- Red (20%)
- Yellow (34%)
- Blue (45%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337468 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 337468 by changing the saturation by 10% instead.



337468



337468

FFFFFF



165B50



68A89B



004339



82C4B6



002D24



9DE0D1



00190E



B9FDEE



000000



D5FFFF



F2FFFF



337468



337468



277466



3F746A

■ 1C7464

■ 4A746C

■ 107462

■ 56746E

■ 05745F

■ 617471

■ 00745F

■ 6D7473

■ 797475

■ 847477

■ 907479

■ 9B747B

Harmonies

Analogous

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



4B7254



337468



22747C

Triad

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



337468



6B648C



876148

Complementary

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



337468



74333F

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.



905C57



337468



825E7E

Square

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



337468



4D6B91



8F5A6B



776841

Rectangle

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



337468



277287



8F5A6B



8B5F4C

Sweetspot

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



337468



7D9692



407433



3D4D4A



CCCCCC



4D4D4D

Same Dimension

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



337468



329684



336074



353B3A



007A64



00FACC

Inverse Universe

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



74333F



963244



744733



3B3536



7A0017



FA002E

Previews

White Background



This preview shows how the Hex color 337468 looks on a white background.

Color Contrast Check

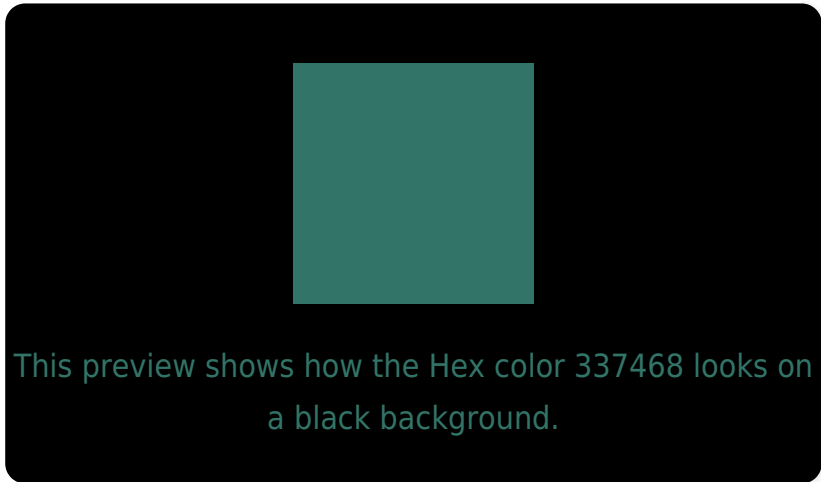
Large Text (above 18pt) WCAG AA ✓ Pass

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

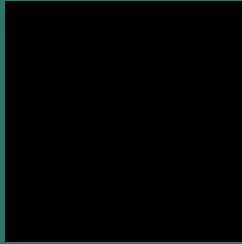
Any Text WCAG AA × Fail

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 337468 Background



This preview shows how black text looks on a background with the Hex color 337468.



This preview shows how white text looks on a background with the Hex color 337468.

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



Original Color
337468

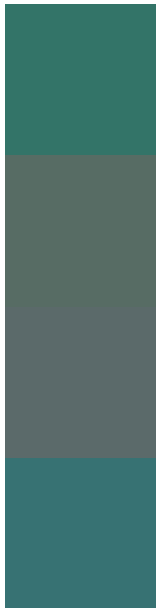
Protanopia
6C6862

Deuteranopia
72656B



Tritanopia
3A717A

Trichromacy



Original Color
337468

Protanomaly
576C64

Deuteranomaly
5B6A6A

Tritanomaly
377273

Monochromacy



Original Color
337468

Achromatopsia
5F5F5F

Achromatomaly
4F6762

CSS Examples

Text

The CSS property to change the color of the text to Hex 337468 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 #337468 looks like.

```
.text, #text, p{  
    color:#337468  
}
```

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 #337468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337468
}
```

Border

The CSS property to change the border of an element to Hex 337468 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
#337468 }
```

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

```
.border{ border-color:#337468 }
```

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

Here you see how a box with a 4 pixel #337468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337468; -webkit-box-shadow:4px 4px  
4px 4px #337468; box-shadow:4px 4px 4px  
4px #337468 }
```

Background

The CSS property to change the background color of an element to Hex 337468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337468 }
```

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

```
.background{ background-color:#337468 }
```

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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