

Converting Colors

Hex(337160)

Have a look what the booklet for
Hex(337160) contains.

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Color

Hex(337160)

Conversions

Conversions Part 1

Format	Color
Hex	337160
RGB	51, 113, 96
RGB Percent	20%, 44%, 38%
CMY	0.8000, 0.5569, 0.6235
CMYK	0.55, 0.00, 0.15, 0.56
HSL	164°, 38%, 32%
HSV	164°, 55%, 44%
XYZ	9.3817, 13.3586, 13.1503
YIQ	92.5240, -31.4950, -18.4310

Conversions

Conversions Part 2

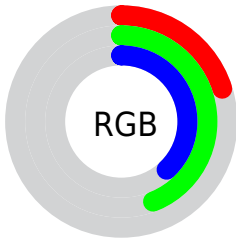
Format	Color
RYB	51, 87, 113
Decimal	3371360
CIELab	43.30, -24.52, 3.38
CIELCh	43, 24.755, 172.156
Yxy	13.3586, 0.2614, 0.3722
Android (android.graphics.Color)	4281561440 (0xFF337160)
YUV	92.5240, 1.7137, -36.4165
Hunter-Lab	36.5494, -18.1432, 4.2523

Details

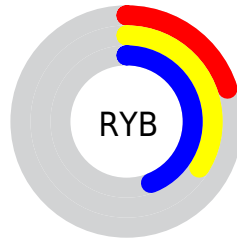
The Hex color **337160** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **713344**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **67A592**, and **004032** is the 20% darker color. If you saturate the color by 10%, you get **28715D**, and if you desaturate by 10%, it is **3E7163**.

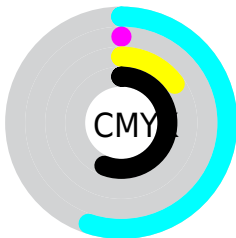
Distribution



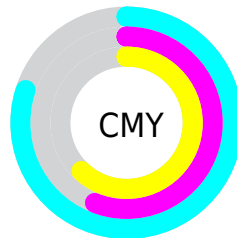
- Red (20%)
- Green (44%)
- Blue (38%)



- Red (20%)
- Yellow (34%)
- Blue (44%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (56%)



- Cyan (80%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color 337160 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 337160 by changing the saturation by 10% instead.

 337160

 337160

FFFFFF

 175848

 67A592

 004032

 81C1AD

 002A1D

 9CDDC8

 001403

 B8F9E4

 000000

 D4FFFF

 F1FFFF

 337160

 337160

 28715D

 3E7163

■ 1C715A

■ 4A7166

■ 117157

■ 557169

■ 067154

■ 60716C

■ 007152

■ 6C716F

■ 777173

■ 827176

■ 8D7179

■ 99717C

Harmonies

Analogous

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



4D6E4C



337160



1B7175

Triad

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



337160



61638C



885C47

Complementary

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



337160



713344

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.



8F5758



337160



7B5C80

Square

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



337160



406A8E



8B576D



79633E

Rectangle

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



337160



197081



8B576D



8B5A4C

Sweetspot

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



337160



7C948D



457133



3C4A46



C9C9C9



4A4A4A

Same Dimension

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



337160



329479



336471



323837



007857



00F7B4

Inverse Universe

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



713344



94324D



714033



383234



780021



F70044

Previews

White Background



This preview shows how the Hex color 337160 looks on a white background.

Color Contrast Check

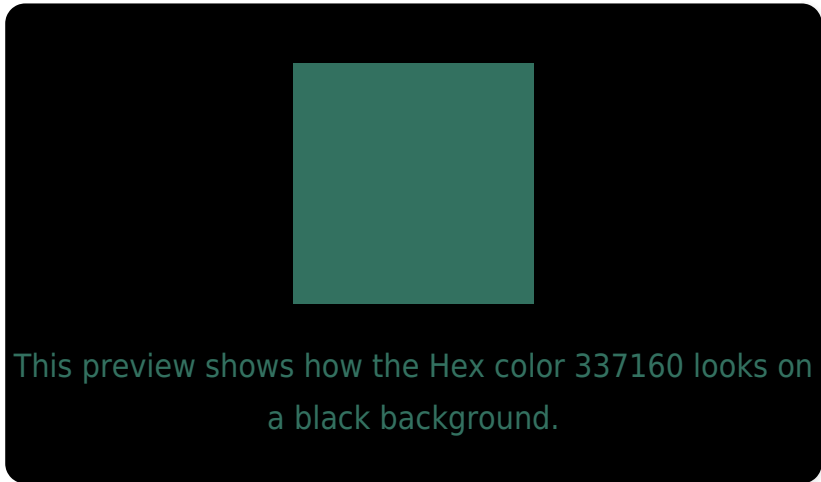
Large Text (above 18pt) WCAG AA ✓ Pass

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

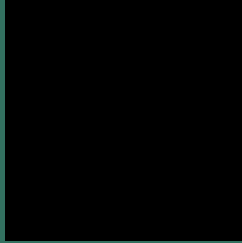
Any Text WCAG AA × Fail

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 337160 Background



This preview shows how black text looks on a background with the Hex color 337160.



This preview shows how white text looks on a background with the Hex color 337160.

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
337160

Protanopia
6A655A

Deuteranopia
716263



Tritanopia
3A6E77

Trichromacy



Original Color
337160

Protanomaly
56695C

Deuteranomaly
5A6762

Tritanomaly
376F6F

Monochromacy



Original Color
337160

Achromatopsia
5D5D5D

Achromatomaly
4E645E

CSS Examples

Text

The CSS property to change the color of the text to Hex 337160 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 #337160 looks like.

```
.text, #text, p{  
    color:#337160  
}
```

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 #337160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337160
}
```

Border

The CSS property to change the border of an element to Hex 337160 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
#337160 }
```

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

```
.border{ border-color:#337160 }
```

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

Here you see how a box with a 4 pixel #337160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337160; -webkit-box-shadow:4px 4px  
4px 4px #337160; box-shadow:4px 4px 4px  
4px #337160 }
```

Background

The CSS property to change the background color of an element to Hex 337160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337160 }
```

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

```
.background{ background-color:#337160 }
```

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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