

Converting Colors

Hex(337602)

Have a look what the booklet for
Hex(337602) contains.

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Color

Hex(337602)

Conversions

Conversions Part 1

Format	Color
Hex	337602
RGB	51, 118, 2
RGB Percent	20%, 46%, 1%
CMY	0.8000, 0.5373, 0.9922
CMYK	0.57, 0.00, 0.98, 0.54
HSL	95°, 97%, 24%
HSV	95°, 98%, 46%
XYZ	7.8546, 13.6651, 2.2811
YIQ	84.7430, -2.6960, -50.2800

Conversions

Conversions Part 2

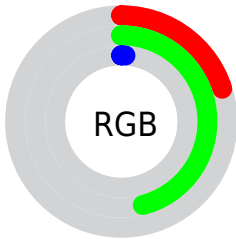
Format	Color
R_YB	2, 118, 69
Decimal	3372546
CIE _{Lab}	43.75, -39.75, 47.88
CIE _{LCh}	44, 62.230, 129.699
Yxy	13.6651, 0.3300, 0.5741
Android (android.graphics.Color)	4281562626 (0xFF337602)
YUV	84.7430, -40.7923, -29.5926
Hunter-Lab	36.9663, -26.7631, 22.2178

Details

The Hex color **337602** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **450276**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6AAB3F**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **327600**, and if you desaturate by 10%, it is **3A760E**.

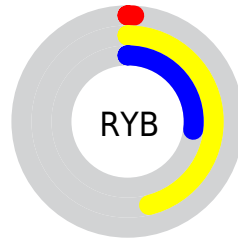
Distribution



Red (20%)

Green (46%)

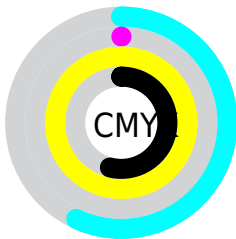
Blue (1%)



Red (1%)

Yellow (46%)

Blue (27%)

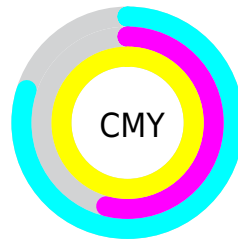


Cyan (57%)

Magenta (0%)

Yellow (98%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337602 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 337602 by changing the saturation by 10% instead.



337602



337602

FFFFFFE



135D00



6AAB3F



004500



85C659



002E00



A1E373



001600



BDFF8D



000000



DAFFA9



F8FFC5



FFFFFFE1



337602



337602

■ 327600

■ 3A760E

■ 41761A

■ 477625

■ 4E7631

■ 55763D

■ 5C7649

■ 637655

■ 6A7660

■ 70766C

Harmonies

Analogous

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



6E6B00



337602



007C41

Triad

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



337602



0077C9



C12959

Complementary

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



337602



450276

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.



B0358C



337602



0068CE

Square

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



337602



007DA9



7D51B8



B73E27

Rectangle

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



337602



007E65



7D51B8



BF286A

Sweetspot

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



337602



7F996D



764402



3D4D32



CCCCCC



4D4D4D

Same Dimension

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



337602



419900



02760A



373B35



347A00



6AFA00

Inverse Universe

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



450276



580099



76026E



38353B



47007A



9000FA

Previews

White Background



This preview shows how the Hex color 337602 looks on a white background.

Color Contrast Check

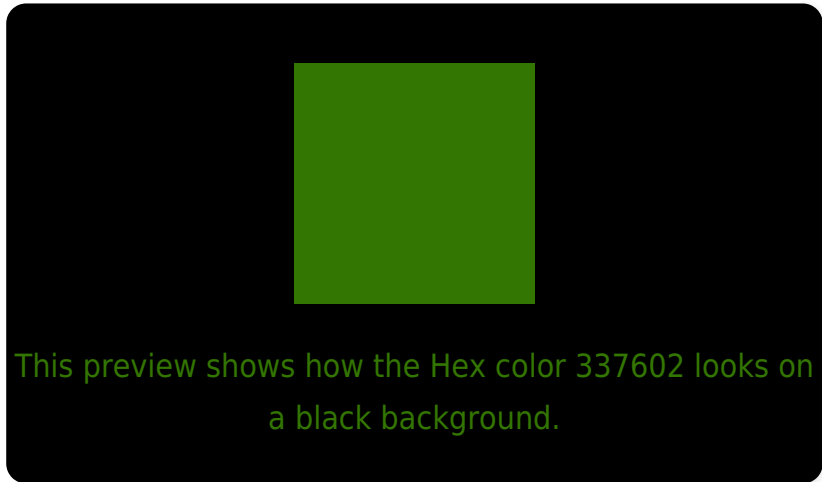
Large Text (above 18pt) WCAG AA ✓ Pass

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

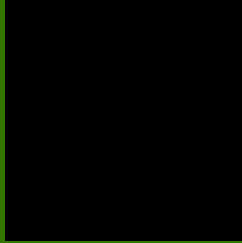
Any Text WCAG AA × Fail

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 337602 Background



This preview shows how black text looks on a background with the Hex color 337602.



This preview shows how white text looks on a background with the Hex color 337602.

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
337602

Protanopia
746700

Deuteranopia
826219



Tritanopia
456E77

Trichromacy



Original Color
337602

Protanomaly
5C6C01

Deuteranomaly
656911

Tritanomaly
3E714C

Monochromacy



Original Color
337602

Achromatopsia
555555

Achromatomaly
496137

CSS Examples

Text

The CSS property to change the color of the text to Hex 337602 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 #337602 looks like.

```
.text, #text, p{  
    color:#337602  
}
```

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 #337602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337602
}
```

Border

The CSS property to change the border of an element to Hex 337602 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".

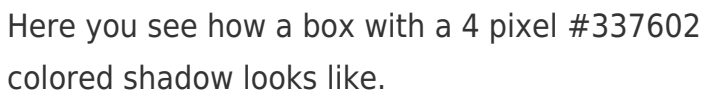
```
.border, #border, table{ border:4px solid
#337602 }
```

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

```
.border{ border-color:#337602 }
```

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

Here you see how a box with a 4 pixel #337602 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337602; -webkit-box-shadow:4px 4px  
4px 4px #337602; box-shadow:4px 4px 4px  
4px #337602 }
```

Background

The CSS property to change the background color of an element to Hex 337602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337602 }
```

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

```
.background{ background-color:#337602 }
```

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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