

Converting Colors

Hex(157E03)

Have a look what the booklet for
Hex(157E03) contains.

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Color

Hex(157E03)

Conversions

Conversions Part 1

Format	Color
Hex	157E03
RGB	21, 126, 3
RGB Percent	8%, 49%, 1%
CMY	0.9176, 0.5059, 0.9882
CMYK	0.83, 0.00, 0.98, 0.51
HSL	111°, 95%, 25%
HSV	111°, 98%, 49%
XYZ	7.7866, 15.0877, 2.5880
YIQ	80.5830, -23.0970, -60.5130

Conversions

Conversions Part 2

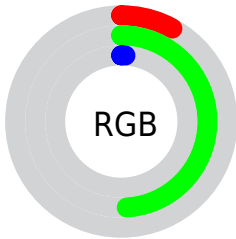
Format	Color
R_{YB}	3, 126, 108
Decimal	1408515
CIE _{Lab}	45.75, -49.03, 48.97
CIE _{LCh}	46, 69.292, 135.033
Yxy	15.0877, 0.3058, 0.5926
Android (android.graphics.Color)	4279598595 (0xFF157E03)
YUV	80.5830, -38.2484, -52.2543
Hunter-Lab	38.8429, -32.1925, 23.2397

Details

The Hex color **157E03** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6C037E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **58B441**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **127E00**, and if you desaturate by 10%, it is **207E10**.

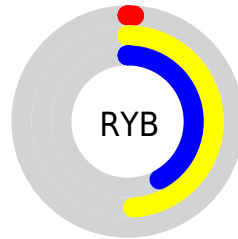
Distribution



Red (8%)

Green (49%)

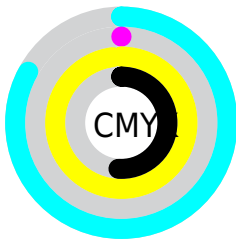
Blue (1%)



Red (1%)

Yellow (49%)

Blue (42%)

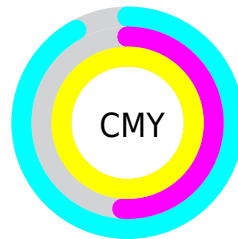


Cyan (83%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (92%)


Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157E03 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 157E03 by changing the saturation by 10% instead.

 157E03

 157E03

FFFFFF

 006400

 58B441

 004B00

 74D05B

 003400

 91EC75

 001D00

 ADFF90

 000000

 CAFFAB

 E8FFC7

 FFFFE4

 157E03

 157E03

■ 127E00

■ 207E10

■ 2B7E1C

■ 357E29

■ 407E35

■ 4B7E42

■ 567E4F

■ 607E5B

■ 6B7E68

■ 767E74

Harmonies

Analogous

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



697300



157E03



00834C

Triad

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



157E03



007BDD



D02052

Complementary

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



157E03



6C037E

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.



C3288C



157E03



006ADE

Square

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



157E03



0083BE



914DBF



C04119

Rectangle

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



157E03



008575



914DBF



D01B65

Sweetspot

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



157E03



7BA374



7E6C03



395235



D1D1D1



525252

Same Dimension

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



157E03



18A300



037E2E



3A4039



138000



000000

Inverse Universe

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



6C037E



8B00A3



7E0353



3F3940



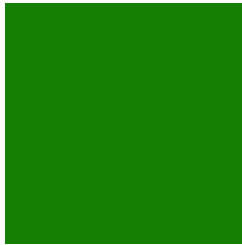
6D0080



000000

Previews

White Background



This preview shows how the Hex color 157E03 looks on a white background.

Color Contrast Check

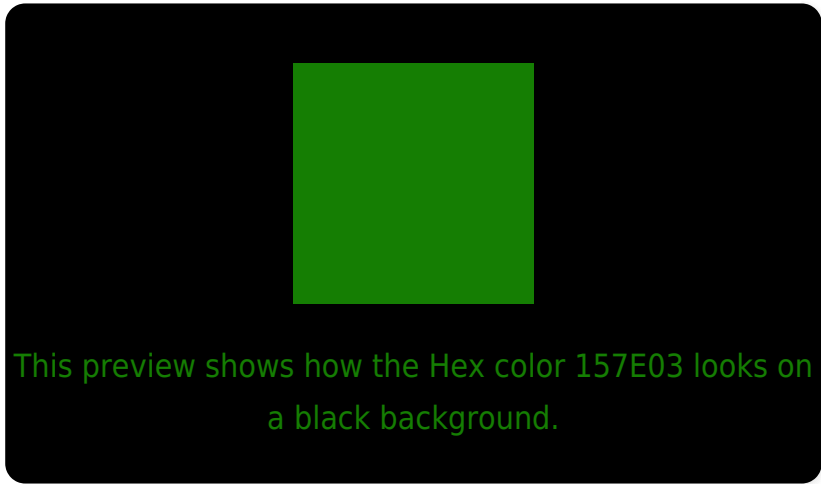
Large Text (above 18pt) WCAG AA ✓ Pass

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

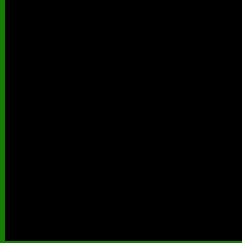
Any Text WCAG AA × Fail

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 157E03 Background



This preview shows how black text looks on a background with the Hex color 157E03.



This preview shows how white text looks on a background with the Hex color 157E03.

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
157E03

Protanopia
7A6C00

Deuteranopia
88661B



Tritanopia
38757F

Trichromacy



Original Color
157E03



Protanomaly
557301



Deuteranomaly
5E6F12



Tritanomaly
2B7852

Monochromacy



Original Color
157E03



Achromatopsia
515151



Achromatomaly
3B6135

CSS Examples

Text

The CSS property to change the color of the text to Hex 157E03 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 #157E03 looks like.

```
.text, #text, p{  
    color:#157E03  
}
```

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 #157E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157E03
}
```

Border

The CSS property to change the border of an element to Hex 157E03 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
#157E03 }
```

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

```
.border{ border-color:#157E03 }
```

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

Here you see how a box with a 4 pixel #157E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157E03; -webkit-box-shadow:4px 4px  
4px 4px #157E03; box-shadow:4px 4px 4px  
4px #157E03 }
```

Background

The CSS property to change the background color of an element to Hex 157E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157E03 }
```

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

```
.background{ background-color:#157E03 }
```

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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