

Converting Colors

Hex(145E07)

Have a look what the booklet for
Hex(145E07) contains.

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Color

Hex(145E07)

Conversions

Conversions Part 1

Format	Color
Hex	145E07
RGB	20, 94, 7
RGB Percent	8%, 37%, 3%
CMY	0.9216, 0.6314, 0.9725
CMYK	0.79, 0.00, 0.93, 0.63
HSL	111°, 86%, 20%
HSV	111°, 93%, 37%
XYZ	4.3295, 8.1695, 1.5497
YIQ	61.9560, -16.1770, -42.7450

Conversions

Conversions Part 2

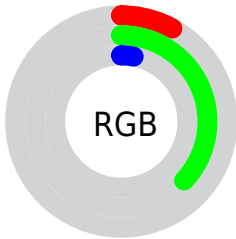
Format	Color
RYB	7, 94, 81
Decimal	1334791
CIELab	34.33, -38.39, 38.31
CIELCh	34, 54.234, 135.054
Yxy	8.1695, 0.3082, 0.5815
Android (android.graphics.Color)	4279524871 (0xFF145E07)
YUV	61.9560, -27.0933, -36.7954
Hunter-Lab	28.5823, -22.9804, 16.7930

Details

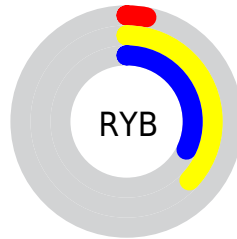
The Hex color **145E07** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **51075E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4E913C**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **0E5E00**, and if you desaturate by 10%, it is **1C5E10**.

Distribution



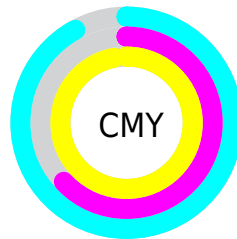
- Red (8%)
- Green (37%)
- Blue (3%)



- Red (3%)
- Yellow (37%)
- Blue (32%)



- Cyan (79%)
- Magenta (0%)
- Yellow (93%)
- Black (63%)



- Cyan (92%)
- Magenta (63%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145E07 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 145E07 by changing the saturation by 10% instead.

 145E07

 145E07

 FFFFF7

 004600

 4E913C

 002F00

 69AC54

 001800

 84C86E

 000000

 9FE488

 BBFFA3

 D8FFBE

 F5FFDA

 145E07

 145E07

■ 0E5E00

■ 1C5E10

■ 245E1A

■ 2C5E23

■ 345E2D

■ 3C5E36

■ 445E3F

■ 4C5E49

■ 545E52

■ 5C5E5C

Harmonies

Analogous

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



4F5500



145E07



006239

Triad

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



145E07



005CA5



9B1C3D

Complementary

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



145E07



51075E

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.



922168



145E07



004FA5

Square

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



145E07



00628D



6D3A8E



8F3213

Rectangle

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



145E07



006357



6D3A8E



9B194B

Sweetspot

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



145E07



5D7A58



5E5107



2C3D28



BDBDBD



3D3D3D

Same Dimension

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



145E07



127A00



075E25



2A2E29



106E00



23ED00

Inverse Universe

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



51075E



68007A



5E0740



2D292E



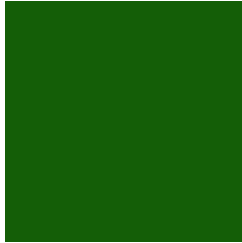
5D006E



CA00ED

Previews

White Background



This preview shows how the Hex color 145E07 looks on a white background.

Color Contrast Check

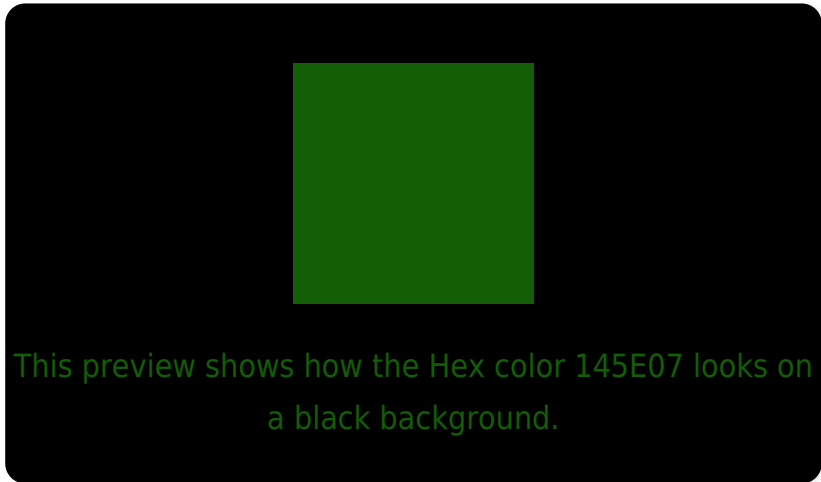
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

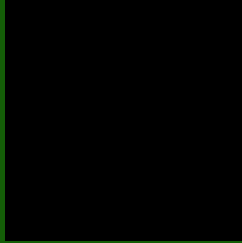
Any Text WCAG AA × Fail

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 145E07 Background



This preview shows how black text looks on a background with the Hex color 145E07.



This preview shows how white text looks on a background with the Hex color 145E07.

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
145E07

Protanopia
5B5100

Deuteranopia
654D15



Tritanopia
2B575E

Trichromacy



Original Color
145E07

Protanomaly
415603

Deuteranomaly
485310

Tritanomaly
235A3E

Monochromacy



Original Color
145E07

Achromatopsia
3E3E3E

Achromatomaly
2F4A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 145E07 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 #145E07 looks like.

```
.text, #text, p{  
    color:#145E07  
}
```

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 #145E07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145E07
}
```

Border

The CSS property to change the border of an element to Hex 145E07 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".

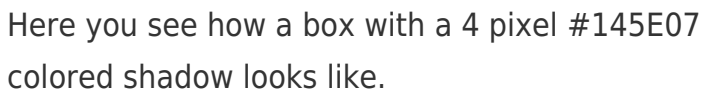
```
.border, #border, table{ border:4px solid
#145E07 }
```

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

```
.border{ border-color:#145E07 }
```

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

Here you see how a box with a 4 pixel #145E07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145E07; -webkit-box-shadow:4px 4px  
4px 4px #145E07; box-shadow:4px 4px 4px  
4px #145E07 }
```

Background

The CSS property to change the background color of an element to Hex 145E07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145E07 }
```

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

```
.background{ background-color:#145E07 }
```

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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