

Converting Colors

Hex(155F00)

Have a look what the booklet for
Hex(155F00) contains.

Hex(155F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(155F00)

Conversions

Conversions Part 1

Format	Color
Hex	155F00
RGB	21, 95, 0
RGB Percent	8%, 37%, 0%
CMY	0.9176, 0.6275, 1.0000
CMYK	0.78, 0.00, 1.00, 0.63
HSL	107°, 100%, 19%
HSV	107°, 100%, 37%
XYZ	4.4015, 8.3438, 1.3785
YIQ	62.0440, -13.6090, -45.2330

Conversions

Conversions Part 2

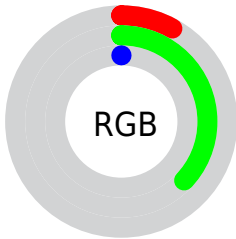
Format	Color
RYB	0, 95, 74
Decimal	1400576
CIELab	34.69, -38.94, 40.78
CIELCh	35, 56.383, 133.674
Yxy	8.3438, 0.3116, 0.5908
Android (android.graphics.Color)	4279590656 (0xFF155F00)
YUV	62.0440, -30.5877, -35.9956
Hunter-Lab	28.8857, -23.3510, 17.3904

Details

The Hex color **155F00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4A005F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4F9237**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **155F00**, and if you desaturate by 10%, it is **1C5F09**.

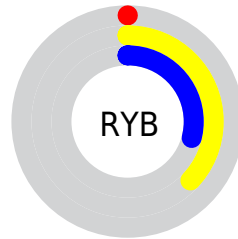
Distribution



Red (8%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (29%)

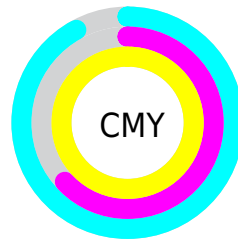


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (92%)

Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 155F00 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 155F00 by changing the saturation by 10% instead.

 155F00

 155F00

 FFFFF3

 004700

 4F9237

 002F00

 6AAD50

 001900

 85C96A

 000000

 A1E584

 BDF99F

 DAFFBA

 F7FFD6

 155F00

 1C5F09

 245F13

 2B5F1D

 335F26

 3A5F30

 415F39

 495F43

 505F4C

 585F56

Harmonies

Analogous

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



515600



155F00



006337

Triad

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



155F00



005EA8



9F173F

Complementary

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



155F00



4A005F

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.



941F6C



155F00



0050AA

Square

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



155F00



00648F



6C3A93



932F13

Rectangle

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



155F00



006556



6C3A93



9E144E

Sweetspot

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



155F00



5E7A56



5F4900



2C3D27



BDBDBD



3D3D3D

Same Dimension

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



155F00



1B7A00



005F19



2D302C



197000



35F000

Inverse Universe

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



4A005F



5F007A



5F0046



2F2C30



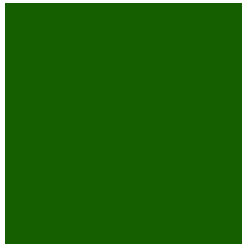
570070



BB00F0

Previews

White Background



This preview shows how the Hex color 155F00 looks on a white background.

Color Contrast Check

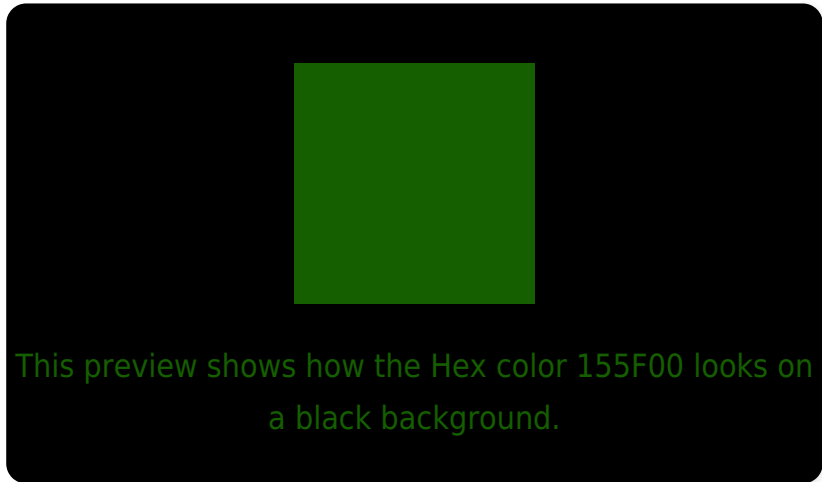
Large Text (above 18pt) WCAG AA ✓ Pass

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

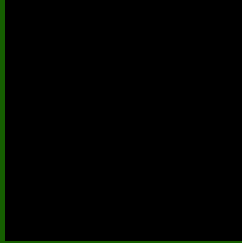
Any Text WCAG AA × Fail

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 155F00 Background



This preview shows how black text looks on a background with the Hex color 155F00.



This preview shows how white text looks on a background with the Hex color 155F00.

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](#).

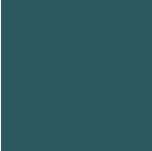
Dichromacy



Original Color
155F00

Protanopia
5C5200

Deuteranopia
674D14



Tritanopia
2C585F

Trichromacy



Original Color
155F00

Protanomaly
425700

Deuteranomaly
49540D

Tritanomaly
245B3C

Monochromacy



Original Color
155F00

Achromatopsia
3E3E3E

Achromatomaly
2F4A27

CSS Examples

Text

The CSS property to change the color of the text to Hex 155F00 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 #155F00 looks like.

```
.text, #text, p{  
    color:#155F00  
}
```

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 #155F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #155F00
}
```

Border

The CSS property to change the border of an element to Hex 155F00 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".

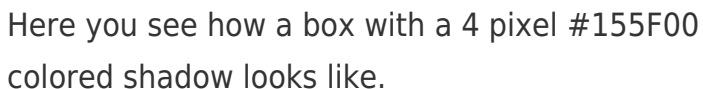
```
.border, #border, table{ border:4px solid
#155F00 }
```

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

```
.border{ border-color:#155F00 }
```

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

Here you see how a box with a 4 pixel #155F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #155F00; -webkit-box-shadow:4px 4px  
4px 4px #155F00; box-shadow:4px 4px 4px  
4px #155F00 }
```

Background

The CSS property to change the background color of an element to Hex 155F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#155F00 }
```

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

```
.background{ background-color:#155F00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor