

# Converting Colors

Hex(144F00)

Have a look what the booklet for  
Hex(144F00) contains.

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# Color

**Hex(144F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	144F00
RGB	20, 79, 0
RGB Percent	8%, 31%, 0%
CMY	0.9216, 0.6902, 1.0000
CMYK	0.75, 0.00, 1.00, 0.69
HSL	105°, 100%, 15%
HSV	105°, 100%, 31%
XYZ	3.0845, 5.7407, 0.9455
YIQ	52.3530, -9.8050, -37.0770

# Conversions

## Conversions Part 2

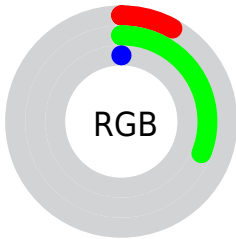
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 79, 59
Decimal	1330944
CIELab	28.75, -33.40, 36.04
CIELCh	29, 49.137, 132.819
Yxy	5.7407, 0.3157, 0.5875
Android (android.graphics.Color)	4279521024 (0xFF144F00)
YUV	52.3530, -25.8100, -28.3736
Hunter-Lab	23.9597, -18.9502, 14.4321

# Details

The Hex color **144F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B004F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4A8133**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **144F00**, and if you desaturate by 10%, it is **1A4F08**.

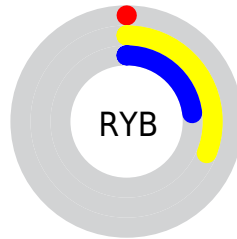
# Distribution



Red (8%)

Green (31%)

Blue (0%)



Red (0%)

Yellow (31%)

Blue (23%)

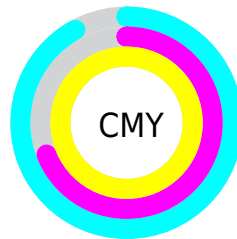


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (92%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144F00 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 144F00 by changing the saturation by 10% instead.



 144F00

 144F00

 FFFFEC

 003700

 4A8133

 002300

 649B4B

 000000

 7FB664

 9AD27E

 B5EF98

 D2FFB3

 EFFFCE

 144F00

 1A4F08

 204F10

 264F18

 2C4F20

 324F28

 374F2F

 3D4F37

 434F3F

 494F47

# Harmonies

## Analogous

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



454700



144F00



00532C

# Triad

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



144F00



004E8D



851335

# Complementary

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



144F00



3B004F

# 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.



7B1A5B



144F00



00438F

# Square

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



144F00



005377



59317C



7C2611

# Rectangle

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



144F00



005446



59317C



841142



# Sweetspot

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



144F00



4F6647



4F3A00



253321



B3B3B3



333333



# Same Dimension

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



144F00



1A6600



004F12



232622



3AE600

# Inverse Universe

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



3B004F



4C0066



4F003D



252226



AB00E6

# Previews

## White Background



This preview shows how the Hex color 144F00 looks on a white background.

## Color Contrast Check

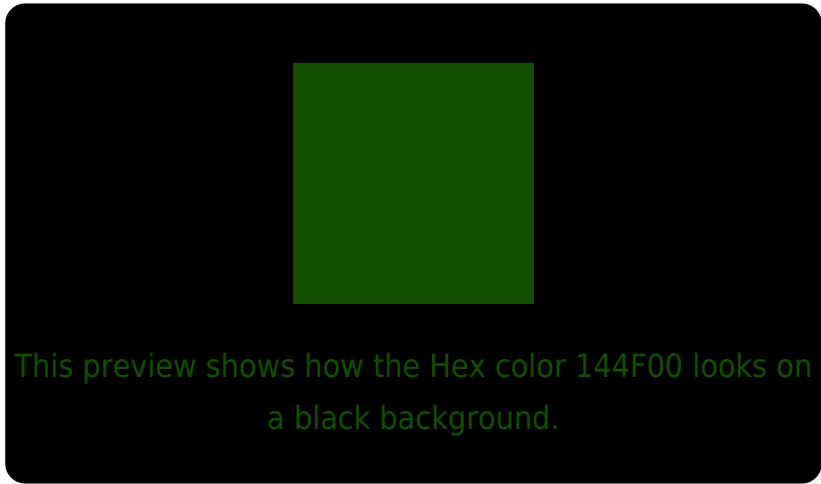
Large Text (above 18pt) WCAG AA ✓ Pass

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

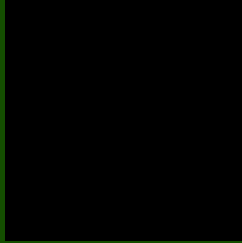
Any Text WCAG AA × Fail

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 144F00 Background



This preview shows how black text looks on a background with the Hex color 144F00.



This preview shows how white text looks on a background with the Hex color 144F00.

# 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

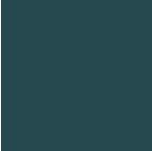


**Original Color**  
144F00

**Protanopia**  
4D4400

**Deuteranopia**  
554011





**Tritanopia**  
26494F

# Trichromacy



**Original Color**  
144F00

**Protanomaly**  
384800

**Deuteranomaly**  
3D450B

**Tritanomaly**  
1F4B32

# Monochromacy



**Original Color**  
144F00

**Achromatopsia**  
343434

**Achromatomaly**  
283E21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144F00 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 #144F00 looks like.

```
.text, #text, p{  
    color:#144F00  
}
```

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 #144F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144F00
}
```

## Border

The CSS property to change the border of an element to Hex 144F00 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
#144F00 }
```

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

```
.border{ border-color:#144F00 }
```

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

Here you see how a box with a 4 pixel #144F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144F00; -webkit-box-shadow:4px 4px  
4px 4px #144F00; box-shadow:4px 4px 4px  
4px #144F00 }
```

# Background

The CSS property to change the background color of an element to Hex 144F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144F00 }
```

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

```
.background{ background-color:#144F00 }
```

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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