

# Converting Colors

HunterLab(93.3466, -37.0509,  
56.8711)

Have a look what the booklet for  
HunterLab(93.3466, -37.0509,  
56.8711) contains.

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# Color

**HunterLab(93.3852,  
-36.9033, 56.8975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFF00
RGB	223, 255, 0
RGB Percent	87%, 100%, 0%
CMY	0.1255, 0.0000, 0.9998
CMYK	0.13, 0.00, 1.00, 0.00
HSL	68°, 100%, 50%
HSV	68°, 100%, 100%
XYZ	66.1914, 87.2080, 13.3441
YIQ	216.3620, 62.7830, -86.0890

# Conversions

## Conversions Part 2

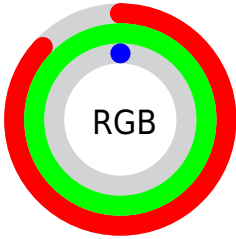
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 32
Decimal	14679808
CIELab	94.83, -34.51, 91.73
CIELCh	95, 98.010, 110.616
Yxy	87.2079, 0.3970, 0.5230
Android (android.graphics.Color)	4292869888 (0xFFDFFF00)
YUV	216.3620, -106.6665, 5.8215
Hunter-Lab	93.3852, -36.9033, 56.8975

# Details

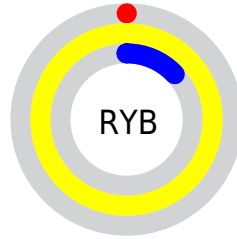
The HunterLab color **93.3852, -36.9033, 56.8975** is a light color, and the websafe version is hex **CCFF00**, and the color name is **chartreuse (traditional)**. The color can be described as light saturated yellow. A complement of this color would be **27.4382, 73.2938, -186.2434**, and the grayscale version is **83.4522, -4.4528, 4.5341**.

A 20% lighter version of the original color is **96.7503, -23.4406, 52.5721**, and **69.4080, -30.6855, 42.2317** is the 20% darker color. If you saturate the color by 10%, you get **93.3847, -36.9051, 56.8972**, and if you desaturate by 10%, it is **93.6982, -35.6323, 56.5112**.

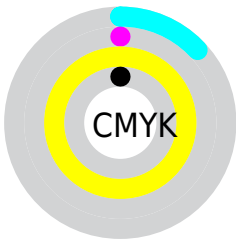
# Distribution



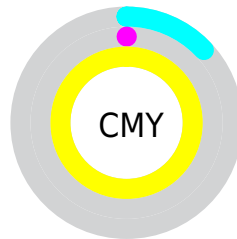
- Red (87%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (13%)



- Cyan (13%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.3852, -36.9033, 56.8975 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 HunterLab color 93.3852, -36.9033, 56.8975 by changing the saturation by 10% instead.



93.3852, -36.9033,  
56.8975

93.3852, -36.9033,  
56.8975

227.7951,  
-56.5698, 101.0492

81.0354, -34.5470,  
51.2130

119.7723,  
-41.4667, 67.6915

69.2837, -32.1251,  
45.3201

133.7640,  
-43.6913, 72.8353

58.1625, -29.6208,  
39.2153

148.2618,  
-45.8864, 77.8314

47.7096, -27.0115,  
33.1539

163.2485,  
-48.0571, 82.6942

37.9710, -24.2645,  
26.5797

178.7087,  
-50.2077, 87.4364

29.0033, -21.3315,  
20.3023

194.6282,

20.8797, -18.1358,

-52.3414, 92.0698

14.6158

210.9943,  
-54.4613, 96.6043

■ 13.6993, -14.6228,  
9.5895

■ 7.3097, -12.7920,  
5.1168

■ 93.3852, -36.9033,  
56.8975

■ 93.3852, -36.9033,  
56.8975

■ 93.3847, -36.9051,  
56.8972

■ 93.6982, -35.6323,  
56.5112

■ 94.0656, -34.0601,  
55.3896

■ 94.5018, -32.1055,  
53.3179

■ 95.0153, -29.7247,  
50.1774

■ 95.6125, -26.8867,  
45.8799

■ 96.2986, -23.5695,  
40.3609

■ 97.0779, -19.7593,  
33.5752

■ 97.9533, -15.4487,  
25.4951

■ 98.9273, -10.6367,  
16.1083

# Harmonies

## Analogous

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



93.3852, 11.4512, 58.1046



93.3852, -36.9033, 56.8975



93.3852, -69.0403, 46.8667

# Triad

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



93.3852, -36.9033, 56.8968



93.3852, -59.1597, -98.7988



93.3852, 112.0165, -11.3435

# Complementary

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



93.3852, -36.9033, 56.8975



27.4382, 73.2938, -186.2434

# 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.



93.3852, 82.9697, -75.0153



93.3852, -36.9033, 56.8975



93.3852, -20.3629, -140.5733

# Square

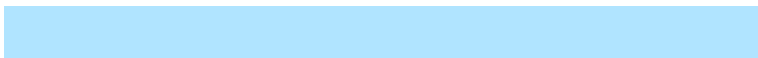
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.3852, -36.9033, 56.8968



93.3852, -79.8566, -33.8340



93.3852, 31.8886, -130.0979



93.3852, 104.9361, 32.2025



# Rectangle

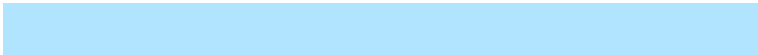
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.3852, -36.9033, 56.8975



93.3852, -80.3236, 30.9288



93.3852, 31.8886, -130.0979



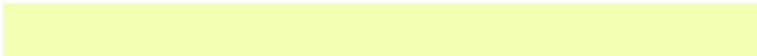
93.3852, 105.9559, -31.2458

# Sweetspot

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



93.3852, -36.9033, 56.8968



97.0766, -19.7654, 33.5864



47.0932, 75.6409, 30.3415



44.7548, -9.9156, 16.9343

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



93.3852, -36.9033, 56.8968



93.3847, -36.9051, 56.8972



86.0838, -66.1017, 51.8864



45.7911, -4.8083, 7.2286



67.5374, -26.5486, 41.1515



21.1475, -8.0043, 12.8909



# Inverse Universe

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



27.4382, 73.2938, -186.2434



27.4357, 73.2997, -186.2635



37.9679, 84.0310, -122.8712



41.8174, 0.3020, -2.9380



19.9169, 53.0495, -133.9585

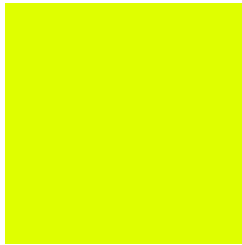


6.4727, 16.7595, -39.8078



# Previews

## White Background



This preview shows how the HunterLab color 93.3852, -36.9033, 56.8975 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

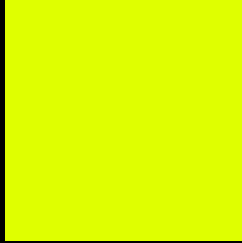
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.3852, -36.9033, 56.8975 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 93.3852, -36.9033, 56.8975 Background



This preview shows how black text looks on a background with the HunterLab color 93.3852, -36.9033, 56.8975.



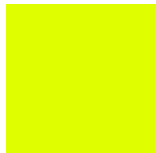
This preview shows how white text looks on a background with the HunterLab color 93.3852,

-36.9033, 56.8975.

# 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



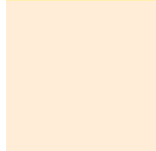
### Original Color

93.3852, -36.9033, 56.8975



### Protanopia

93.1421, -9.0408, 30.7580



### Deuteranopia

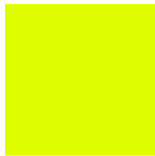
93.1315, -2.3844, 16.4167



## Tritanopia

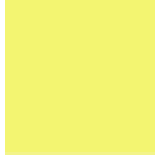
93.0944, -0.0271, -2.8900

# Trichromacy



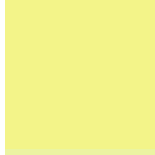
## Original Color

93.3852, -36.9033, 56.8975



## Protanomaly

92.4942, -21.7669, 46.5990



## Deuteranomaly

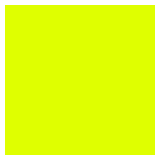
92.4998, -19.4060, 41.4884



## Tritanomaly

92.1804, -19.6989, 34.4703

# Monochromacy



## Original Color

93.3852, -36.9033, 56.8975



## Achromatopsia

82.8665, -4.4215, 4.5023



## Achromatomaly

85.7087, -20.8136, 36.0771

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.3852, -36.9033, 56.8975 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 `rgb(223, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 0)  
}
```

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 rgb(223, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.3852, -36.9033, 56.8975 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 rgb(223, 255, 0) }
```



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

```
.border{ border-color:rgb(223, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.3852, -36.9033, 56.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 0) }
```

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

```
.background{ background-color: rgb(223,  
255, 0) }
```

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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