

# Converting Colors

HunterLab(90.7933, -46.8252,  
54.5093)

Have a look what the booklet for  
HunterLab(90.7933, -46.8252,  
54.5093) contains.

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# Color

**HunterLab(90.7794,  
-46.9385, 54.5154)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | <b>BDFE19</b>               |
| RGB         | 189, 255, 25                |
| RGB Percent | 74%, 100%, 10%              |
| CMY         | 0.2588, 0.0000, 0.9019      |
| CMYK        | 0.26, 0.00, 0.90, 0.00      |
| HSL         | 77°, 100%, 55%              |
| HSV         | 77°, 90%, 100%              |
| XYZ         | 56.9217, 82.4090, 13.8262   |
| YIQ         | 209.0460, 34.4940, -85.5220 |

# Conversions

## Conversions Part 2

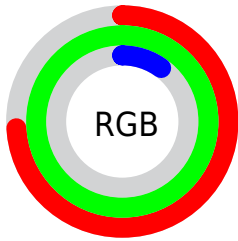
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>YB</sub>                     | 25, 255, 91                     |
| Decimal                             | 12451609                        |
| CIE Lab                             | 92.76, -47.32, 86.98            |
| CIE LCh                             | 93, 99.018, 118.547             |
| Yxy                                 | 82.4090, 0.3717,<br>0.5381      |
| Android<br>(android.graphics.Color) | 4290641689<br>(0xFFBDF19)       |
| YUV                                 | 209.0460, -90.7347,<br>-17.5803 |
| Hunter-Lab                          | 90.7794, -46.9385,<br>54.5154   |

# Details

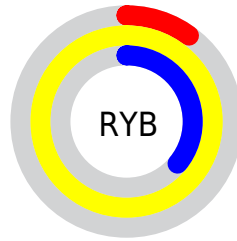
The HunterLab color  $90.7794, -46.9385, 54.5154$  is a light color, and the websafe version is hex  $CCFF00$ . The color can be described as light washed chartreuse. A complement of this color would be  $31.8456, 71.5895, -155.2639$ , and the grayscale version is  $80.2374, -4.2813, 4.3594$ .

A 20% lighter version of the original color is  $96.3242, -24.8892, 51.3405$ , and  $67.1232, -39.6886, 40.6662$  is the 20% darker color. If you saturate the color by 10%, you get  $90.2458, -49.1269, 54.7490$ , and if you desaturate by 10%, it is  $91.3965, -44.3350, 53.5459$ .

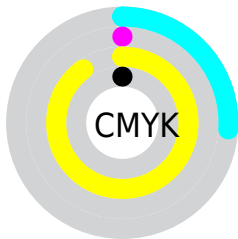
# Distribution



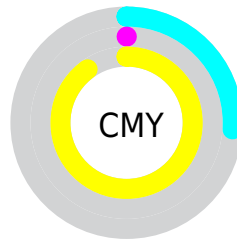
- Red (74%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (36%)



- Cyan (26%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)




- Cyan (26%)
- Magenta (0%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.7794, -46.9385, 54.5154 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 90.7794, -46.9385, 54.5154 by changing the saturation by 10% instead.





 90.7794, -46.9385,  
54.5154


 90.7794, -46.9385,  
54.5154


224.2799,  
-71.6107, 96.8428


 78.5511, -43.8814,  
49.0506


 116.9390,  
-52.7888, 64.8748


 66.9272, -40.7112,  
43.3754


 130.8237,  
-55.6100, 69.8065


 55.9411, -37.4012,  
37.4819


 145.2181,  
-58.3758, 74.5947

 45.6321, -33.9148,  
31.5812

 160.1048,  
-61.0941, 79.2542

 36.0480, -30.1999,  
25.2336

 175.4681,  
-63.7717, 83.7980

 27.2485, -26.1793,  
19.0740

191.2937,

 19.3110, -21.7310,

-66.4139, 88.2374

13.5177

207.5683,  
-69.0256, 92.5827

■ 12.3420, -18.8938,  
8.6394

■ 5.5227, -9.6647,  
3.8659

■ 90.7794, -46.9385,  
54.5154

■ 90.7794, -46.9385,  
54.5154

■ 90.2458, -49.1269,  
54.7490

■ 91.3965, -44.3350,  
53.5459

■ 92.1021, -41.2759,  
51.6263

■ 92.9042, -37.7239,  
48.6437

■ 93.8084, -33.6566,  
44.5202

■ 94.8191, -29.0624,  
39.2032

■ 95.9392, -23.9385,  
32.6617

■ 97.1708, -18.2897,  
24.8829

■ 98.5148, -12.1267,  
15.8692

99.9716, -5.4655,  
5.6369

# Harmonies

## Analogous

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



90.7794, -2.3599, 57.3792



90.7794, -46.9385, 54.5154



90.7794, -74.0043, 41.2636

# Triad

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



90.7794, -46.9384, 54.5147



90.7794, -50.3684, -115.2938



90.7794, 114.7694, 2.5549

# Complementary

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



90.7794, -46.9385, 54.5154



31.8456, 71.5895, -155.2639

# 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.



90.7794, 94.3114, -58.0790



90.7794, -46.9385, 54.5154



90.7794, -7.3108, -145.4873

# Square

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



90.7794, -46.9384, 54.5147



90.7794, -75.6572, -51.5629



90.7794, 46.6567, -120.2939



90.7794, 97.7750, 39.0537



# Rectangle

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



90.7794, -46.9385, 54.5154



90.7794, -82.0664, 21.5114



90.7794, 46.6567, -120.2939



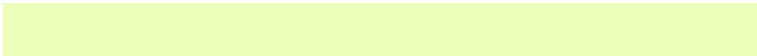
90.7794, 111.9741, -15.4950

# Sweetspot

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



90.7794, -46.9384, 54.5147



96.3197, -22.1943, 30.3165



53.5475, 56.5898, 32.9667



44.3736, -11.1315, 15.1857

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



90.7794, -46.9384, 54.5147



90.2458, -49.1269, 54.7490



85.4869, -68.5327, 50.8382



45.6218, -5.4070, 7.0362



65.2959, -35.2692, 39.6176



20.5108, -10.4676, 12.4554



# Inverse Universe

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



31.8456, 71.5895, -155.2639



29.3999, 74.9054, -171.3652



45.7380, 90.2011, -92.8770



41.9883, 0.8848, -2.7057



21.4047, 54.2808, -122.7916

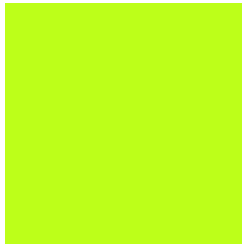


7.0625, 17.2957, -35.7530



# Previews

## White Background



This preview shows how the HunterLab color 90.7794, -46.9385, 54.5154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

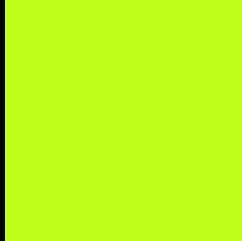
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.7794, -46.9385, 54.5154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

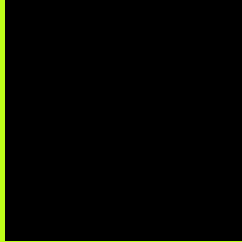
Any Text WCAG AA ✓ Pass

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 90.7794, -46.9385, 54.5154 Background



This preview shows how black text looks on a background with the HunterLab color 90.7794, -46.9385, 54.5154.



This preview shows how white text looks on a background with the HunterLab color 90.7794, -46.9385, 54.5154.

-46.9385, 54.5154.

# 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

90.7794, -46.9385, 54.5154

### Protanopia

90.4276, -10.5420, 41.2236

### Deuteranopia

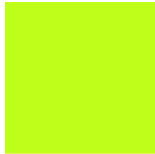
90.1577, -0.9250, 21.1944



## Tritanopia

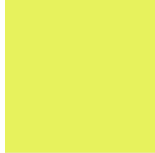
90.5177, -8.9788, -6.3496

# Trichromacy



## Original Color

90.7794, -46.9385, 54.5154



## Protanomaly

90.1574, -25.7518, 48.2934



## Deuteranomaly

89.3640, -20.8948, 39.7359



## Tritanomaly

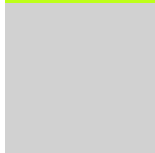
89.7101, -28.4489, 29.3174

# Monochromacy



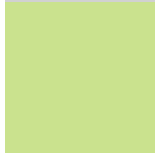
## Original Color

90.7794, -46.9385, 54.5154



## Achromatopsia

79.8497, -4.2606, 4.3384



## Achromatomaly

83.0074, -23.9024, 32.4512

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.7794, -46.9385, 54.5154 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(189, 255, 25)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 25)  
}
```

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(189, 255, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 25) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.7794, -46.9385, 54.5154 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(189, 255, 25) }
```



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

```
.border{ border-color:rgb(189, 255, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
25) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.7794, -46.9385, 54.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 25) }
```

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

```
.background{ background-color: rgb(189,  
255, 25) }
```

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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