

# Converting Colors

HunterLab(87.5520, -24.1950,  
51.3255)

Have a look what the booklet for  
HunterLab(87.5520, -24.1950,  
51.3255) contains.

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# **Color**

**HunterLab(87.5520,  
-24.1950, 51.3255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7EB34
RGB	231, 235, 52
RGB Percent	91%, 92%, 20%
CMY	0.0941, 0.0784, 0.7960
CMYK	0.02, 0.00, 0.78, 0.08
HSL	61°, 82%, 56%
HSV	61°, 78%, 92%
XYZ	63.2832, 76.6535, 14.7090
YIQ	212.9420, 56.3590, -57.7610

# Conversions

## Conversions Part 2

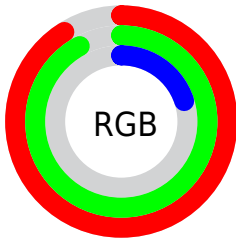
Format	Color
<a href="#">RYB</a>	<a href="#">52, 235, 56</a>
Decimal	<a href="#">15199028</a>
CIELab	<a href="#">90.16, -20.99, 80.42</a>
CIElCh	<a href="#">90, 83.111, 104.632</a>
Yxy	<a href="#">76.6571, 0.4092, 0.4957</a>
Android (android.graphics.Color)	<a href="#">4293389108 (0xFFE7EB34)</a>
YUV	<a href="#">212.9420, -79.3444, 15.8369</a>
Hunter-Lab	<a href="#">87.5520, -24.1950, 51.3255</a>

# Details

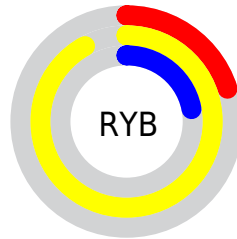
The HunterLab color **87.5520, -24.1950, 51.3255** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **30.4900, 51.1805, -133.1636**, and the grayscale version is **81.8621, -4.3680, 4.4477**.

A 20% lighter version of the original color is **96.9510, -22.3046, 49.6147**, and **63.9516, -20.0448, 39.0558** is the 20% darker color. If you saturate the color by 10%, you get **87.4127, -24.9064, 52.6604**, and if you desaturate by 10%, it is **87.7552, -23.1499, 49.1098**.

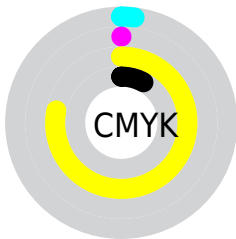
# Distribution



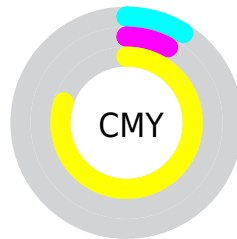
- Red (91%)
- Green (92%)
- Blue (20%)



- Red (20%)
- Yellow (92%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (78%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5520, -24.1950, 51.3255 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 87.5520, -24.1950, 51.3255 by changing the saturation by 10% instead.



87.5520, -24.1950,  
51.3255

87.5520, -24.1950,  
51.3255

219.9077,  
-38.8529, 91.0649

75.4795, -22.5211,  
46.1806

113.4263,  
-27.4969, 61.0616

64.0175, -20.8167,  
40.8238

127.1758,  
-29.1288, 65.6906

53.2027, -19.0750,  
35.2416

141.4398,  
-30.7536, 70.1835

43.0766, -17.2822,  
29.5692

156.2005,  
-32.3743, 74.5551

33.6895, -15.4178,  
23.5827

171.4418,  
-33.9929, 78.8185

25.1051, -13.4505,  
17.5736

187.1488,

17.4068, -11.3275,

-35.6112, 82.9848

12.1848

203.3082,  
-37.2308, 87.0641

■ 10.7117, -9.4648,  
7.4982

■ 1.3456, -2.3548,  
0.9419

■ 87.5520, -24.1950,  
51.3255

■ 87.5520, -24.1950,  
51.3255

■ 87.4127, -24.9064,  
52.6604

■ 87.7552, -23.1499,  
49.1098

■ 87.3208, -25.3338,  
53.2656

■ 88.0238, -21.7224,  
45.9070

■ 87.3042, -25.4083,  
53.3516

■ 88.3657, -19.8848,  
41.6370

■ 88.7858, -17.6141,  
36.2383

■ 89.2884, -14.8934,  
29.6660

■ 89.8767, -11.7118,  
21.8897

■ 90.5533, -8.0635,  
12.8932

■ 91.3204, -3.9475,  
2.6725

■ 91.8749, -1.0204,  
-4.4586

# Harmonies

## Analogous

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



87.5540, 17.8224, 51.2454



87.5520, -24.1950, 51.3255



87.5540, -54.5914, 43.7593

# Triad

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



87.5540, -24.1980, 51.3261



87.5540, -55.1500, -68.4153



87.5540, 87.8316, -18.1926

# Complementary

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



87.5520, -24.1950, 51.3255



30.4900, 51.1805, -133.1636

# 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.



87.5540, 59.7498, -69.6360



87.5520, -24.1950, 51.3255



87.5540, -25.1102, -106.7215

# Square

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



87.5540, -24.1980, 51.3261



87.5540, -70.0323, -16.9993



87.5540, 16.7213, -107.2513



87.5540, 88.2035, 22.0694



# Rectangle

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



87.5520, -24.1950, 51.3255



87.5540, -66.4634, 31.7512



87.5540, 16.7213, -107.2513



87.5540, 81.1142, -35.0533

# Sweetspot

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



87.5540, -24.1980, 51.3261



98.2541, -14.7390, 28.6454



45.4413, 62.8807, 24.8614



45.3518, -7.3874, 14.6390

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.5540, -24.1980, 51.3261



95.8392, -27.6158, 58.2222



80.7982, -50.3277, 46.5217



41.9633, -4.0261, 6.6865



65.1347, -18.9322, 39.8042



18.2668, -5.2507, 11.1640



# Inverse Universe

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



30.4900, 51.1805, -133.1636



27.9829, 69.7935, -181.9895



38.2327, 64.6496, -97.2029



38.1637, -0.0813, -2.7751



18.3407, 49.6098, -129.2376

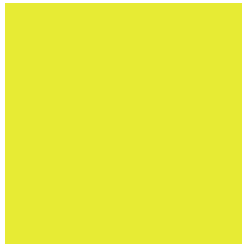


5.1933, 13.9410, -35.7709



# Previews

## White Background



This preview shows how the HunterLab color 87.5520, -24.1950, 51.3255 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

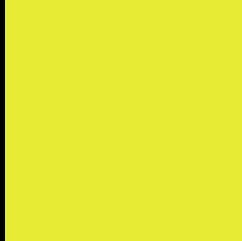
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.5520, -24.1950, 51.3255 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 87.5520, -24.1950, 51.3255 Background



This preview shows how black text looks on a background with the HunterLab color 87.5520, -24.1950, 51.3255.



This preview shows how white text looks on a background with the HunterLab color 87.5520, -24.1950, 51.3255.

-24.1950, 51.3255.

# 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

87.5520, -24.1950, 51.3255

### Protanopia

87.4234, -11.5260, 51.6216

### Deuteranopia

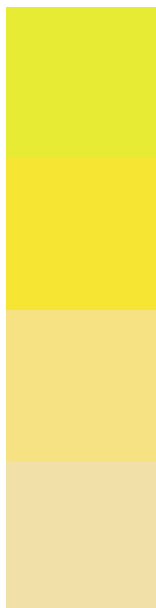
87.2170, 0.5276, 26.1810



## Tritanopia

87.3567, 7.4831, 0.0994

# Trichromacy



## Original Color

87.5520, -24.1950, 51.3255

## Protanomaly

87.4217, -16.3888, 51.4578

## Deuteranomaly

86.9467, -10.0253, 38.9993

## Tritanomaly

86.8423, -7.3477, 27.7560

# Monochromacy



## Original Color

87.5520, -24.1950, 51.3255

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

83.2236, -14.3686, 29.2505

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5520, -24.1950, 51.3255 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(231, 235, 52)` looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 52)  
}
```

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(231, 235, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 52) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5520, -24.1950, 51.3255 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(231, 235, 52) }
```



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

```
.border{ border-color:rgb(231, 235, 52) }
```

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

Here you see how a box with a 4 pixel rgb(231, 235, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 52);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
52) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5520, -24.1950, 51.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 235, 52) }
```

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

```
.background{ background-color: rgb(231,  
235, 52) }
```

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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