

Converting Colors

HunterLab(89.8889, -15.1761,
49.1760)

Have a look what the booklet for
HunterLab(89.8889, -15.1761,
49.1760) contains.

HunterLab(89.8889, -15.1761, 49.1760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(89.8889,
-15.1761, 49.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEB57
RGB	252, 235, 87
RGB Percent	99%, 92%, 34%
CMY	0.0118, 0.0784, 0.6588
CMYK	0.00, 0.07, 0.65, 0.01
HSL	54°, 96%, 66%
HSV	54°, 65%, 99%
XYZ	71.5735, 80.8001, 20.8405
YIQ	223.2110, 57.6400, -42.4240

Conversions

Conversions Part 2

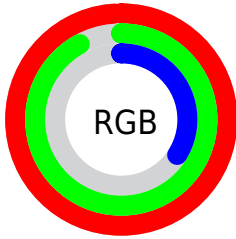
Format	Color
RYB	106, 252, 87
Decimal	16575319
CIELab	92.04, -10.81, 71.02
CIELCh	92, 71.839, 98.657
Yxy	80.8039, 0.4132, 0.4665
Android (android.graphics.Color)	4294765399 (0xFFFC57)
YUV	223.2110, -67.1520, 25.2480
Hunter-Lab	89.8889, -15.1761, 49.1760

Details

The HunterLab color **89.8889, -15.1761, 49.1760** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **43.5371, 32.2601, -98.0251**, and the grayscale version is **86.2603, -4.6026, 4.6867**.

A 20% lighter version of the original color is **97.3464, -20.0733, 43.8055**, and **66.2623, -13.0427, 39.9230** is the 20% darker color. If you saturate the color by 10%, you get **88.8741, -14.9750, 51.4800**, and if you desaturate by 10%, it is **90.9875, -14.9579, 45.7763**.

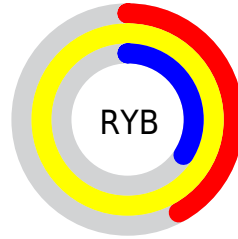
Distribution



Red (99%)

Green (92%)

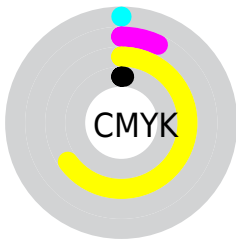
Blue (34%)



Red (42%)

Yellow (99%)

Blue (34%)

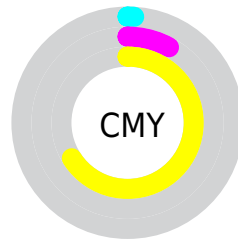


Cyan (0%)

Magenta (7%)

Yellow (65%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.8889, -15.1761, 49.1760 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 89.8889, -15.1761, 49.1760 by changing the saturation by 10% instead.

89.8889, -15.1761,
49.1760

89.8889, -15.1761,
49.1760

223.0780,
-26.1157, 84.6084

77.7047, -14.0130,
44.6125

115.9722,
-17.5336, 57.8157

66.1250, -12.8507,
39.8546

129.8199,
-18.7245, 61.9297

55.1856, -11.6889,
34.8789

144.1786,
-19.9261, 65.9287

44.9264, -10.5229,
29.6660

159.0309,
-21.1391, 69.8261

35.3959, -9.3451,
24.6050

174.3609,
-22.3642, 73.6334

26.6549, -8.1440,
18.6584

190.1540,

18.7823, -6.9003,

-23.6018, 77.3607

13.1476

206.3971,
-24.8522, 81.0166

■ 11.8873, -5.5774,
8.3211

■ 4.7574, -8.3254,
3.3302

■ 89.8889, -15.1761,
49.1760

■ 89.8889, -15.1761,
49.1760

■ 88.8741, -14.9750,
51.4800

■ 90.9875, -14.9579,
45.7763

■ 87.9305, -14.3798,
52.7722

■ 92.1680, -14.2860,
41.2208

■ 87.0513, -13.4444,
53.1812

■ 93.4359, -13.1476,
35.4748

■ 86.6678, -12.9481,
53.1776

■ 94.7932, -11.5337,
28.5205

96.2414, -9.4410,
20.3553

97.7812, -6.8712,
10.9893

99.1341, -5.3548,
4.4093

99.7173, -6.3207,
5.0827

Harmonies

Analogous

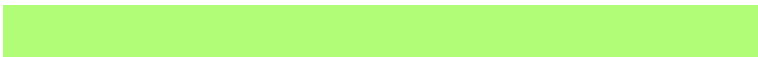
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8910, 22.3542, 47.6537



89.8889, -15.1761, 49.1760



89.8910, -44.7754, 43.1169

Triad

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



89.8910, -15.1794, 49.1767



89.8910, -53.5418, -47.9583



89.8910, 70.8318, -23.1316

Complementary

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



89.8889, -15.1761, 49.1760



43.5371, 32.2601, -98.0251

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.



89.8910, 43.6691, -64.9076



89.8889, -15.1761, 49.1760



89.8910, -29.0724, -82.7904

Square

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



89.8910, -15.1794, 49.1767



89.8910, -64.4740, -5.8103



89.8910, 6.0704, -89.9993



89.8910, 76.1520, 14.4231

Rectangle

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



89.8889, -15.1761, 49.1760



89.8910, -57.4856, 33.2783



89.8910, 6.0704, -89.9993



89.8910, 63.7656, -37.5027

Sweetspot

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



89.8910, -15.1794, 49.1767



96.8680, -10.5917, 24.5386



53.4400, 60.6898, 18.7867



44.6257, -5.1702, 12.4145

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.8910, -15.1794, 49.1767



89.7284, -15.0055, 52.7578



90.0531, -43.7071, 48.7879



44.5727, -3.6523, 6.8337



62.6542, -9.5052, 38.4408



19.2901, -3.2387, 11.8297

Inverse Universe

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



43.5371, 32.2601, -98.0251



35.9572, 46.3672, -133.0307



45.1148, 54.0035, -92.2865



41.1467, -0.7449, -2.5917



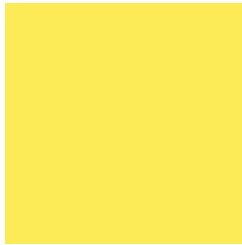
20.3511, 46.7722, -126.4048



6.8986, 11.6318, -33.7323

Previews

White Background



This preview shows how the HunterLab color 89.8889, -15.1761, 49.1760 looks on a white background.

Color Contrast Check

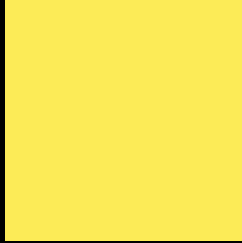
Large Text (above 18pt) WCAG AA × Fail

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 89.8889, -15.1761, 49.1760 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 89.8889, -15.1761, 49.1760 Background



This preview shows how black text looks on a background with the HunterLab color 89.8889, -15.1761, 49.1760.



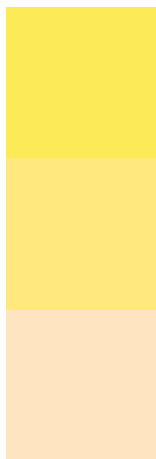
This preview shows how white text looks on a background with the HunterLab color 89.8889, -15.1761, 49.1760.

-15.1761, 49.1760.

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

89.8889, -15.1761, 49.1760

Protanopia

89.6961, -10.1057, 42.2685

Deuteranopia

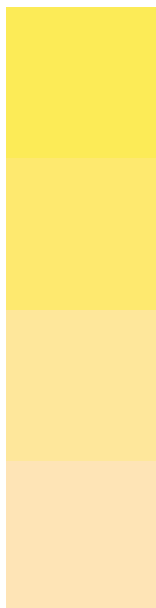
89.8008, -0.6751, 21.6251



Tritanopia

89.7928, 7.9307, 3.0695

Trichromacy



Original Color

89.8889, -15.1761, 49.1760

Protanomaly

89.7198, -12.0104, 45.1364

Deuteranomaly

89.7715, -7.2450, 34.7090

Tritanomaly

89.4064, -2.6109, 25.6977

Monochromacy



Original Color

89.8889, -15.1761, 49.1760

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

86.8830, -10.2020, 26.0315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.8889, -15.1761, 49.1760 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(252, 235, 87)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 87)  
}
```

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(252, 235, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 89.8889, -15.1761, 49.1760 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(252, 235, 87) }
```


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

```
.border{ border-color:rgb(252, 235, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 87);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.8889, -15.1761, 49.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 87) }
```

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

```
.background{ background-color: rgb(252,  
235, 87) }
```

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