

Converting Colors

HunterLab(87.8784, -10.1681,
47.4173)

Have a look what the booklet for
HunterLab(87.8784, -10.1681,
47.4173) contains.

HunterLab(88.0256, -10.4165, 47.5434)	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(88.0256,
-10.4165, 47.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE45A
RGB	255, 228, 90
RGB Percent	100%, 89%, 35%
CMY	0.0000, 0.1059, 0.6470
CMYK	0.00, 0.11, 0.65, 0.00
HSL	50°, 100%, 68%
HSV	50°, 65%, 100%
XYZ	70.8289, 77.4851, 20.8959
YIQ	220.3410, 60.3900, -37.1940

Conversions

Conversions Part 2

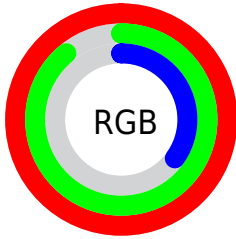
Format	Color
R_{YB}	122, 255, 90
Decimal	16770138
CIE _{Lab}	90.55, -5.94, 68.34
CIE _{LCh}	91, 68.593, 94.966
Yxy	77.4887, 0.4186, 0.4579
Android (android.graphics.Color)	4294960218 (0xFFFFE45A)
YUV	220.3410, -64.2581, 30.3959
Hunter-Lab	88.0256, -10.4165, 47.5434

Details

The HunterLab color **88.0256, -10.4165, 47.5434** 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 **47.0273, 26.3634, -89.8372**, and the grayscale version is **84.9998, -4.5354, 4.6182**.

A 20% lighter version of the original color is **97.3937, -19.8069, 43.1119**, and **64.4810, -8.5586, 38.5142** is the 20% darker color. If you saturate the color by 10%, you get **86.5209, -9.4897, 49.7719**, and if you desaturate by 10%, it is **89.6232, -10.9101, 44.2034**.

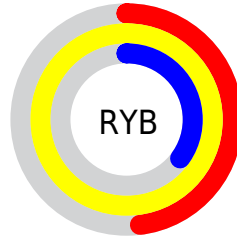
Distribution



Red (100%)

Green (89%)

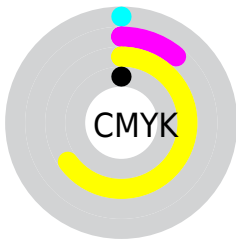
Blue (35%)



Red (48%)

Yellow (100%)

Blue (35%)

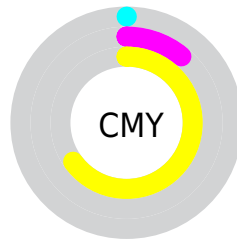


Cyan (0%)

Magenta (11%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 88.0256, -10.4165, 47.5434 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 88.0256, -10.4165, 47.5434 by changing the saturation by 10% instead.


 88.0256, -10.4165,
47.5434


 88.0256, -10.4165,
47.5434


220.5513,
-19.5927, 81.9382


 75.9303, -9.4915,
43.1106


 113.9426,
-12.3305, 55.9302

 64.4443, -8.5803,
38.4853


 127.7121,
-13.3132, 59.9227

 53.6040, -7.6852,
33.6425

 141.9954,
-14.3142, 63.8034

 43.4507, -6.8047,
28.5603

 156.7748,
-15.3336, 67.5858

 34.0343, -5.9359,
23.6326

172.0342,
-16.3713, 71.2813

 25.4178, -5.0742,
17.7925

187.7587,

 17.6838, -4.2109,

-17.4271, 74.8997

12.3786

203.9352,
-18.5010, 78.4496

■ 10.9475, -3.3288,
7.6632

■ 2.4588, -4.3029,
1.7211

■ 88.0256, -10.4165,
47.5434

■ 88.0256, -10.4165,
47.5434

■ 86.5209, -9.4897,
49.7719

■ 89.6232, -10.9101,
44.2034

■ 85.0978, -8.1498,
50.9566

■ 91.3104, -10.9411,
39.7099

■ 83.7508, -6.4473,
51.2122

■ 93.0911, -10.5026,
34.0466

■ 83.0606, -5.4428,
51.0863

■ 94.9660, -9.5910,
27.2135

■ 96.9351, -8.2086,
19.2247

■ 98.9976, -6.3620,
10.1051

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



88.0277, 25.4425, 45.1563



88.0256, -10.4165, 47.5434



88.0277, -39.8630, 42.6238

Triad

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



88.0277, -10.4199, 47.5441



88.0277, -53.1023, -40.0534



88.0277, 64.5053, -26.6257

Complementary

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



88.0256, -10.4165, 47.5434



47.0273, 26.3634, -89.8372

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.



88.0277, 37.0249, -64.9660



88.0256, -10.4165, 47.5434



88.0277, -31.2665, -74.5995

Square

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



88.0277, -10.4199, 47.5441



88.0277, -61.9409, -0.8990



88.0277, 1.1664, -85.1434



88.0277, 72.3772, 10.1259

Rectangle

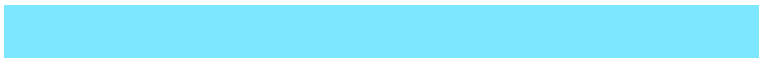
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0256, -10.4165, 47.5434



88.0277, -53.0673, 34.0615



88.0277, 1.1664, -85.1434



88.0277, 57.0660, -40.1445

Sweetspot

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



88.0277, -10.4199, 47.5441



96.0779, -8.8598, 22.7969



54.6527, 61.5767, 16.3283



44.1904, -4.2774, 11.5932

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



88.0277, -10.4199, 47.5441



86.0431, -9.0915, 50.2732



91.9443, -41.6519, 49.6883



45.3375, -3.3800, 6.7649



60.1974, -4.1921, 37.0200



19.1237, -1.8627, 11.7513

Inverse Universe

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



47.0273, 26.3634, -89.8372



38.9211, 38.4206, -119.4640



45.3354, 52.1063, -94.8804



42.2583, -1.1172, -2.3916



21.8350, 42.9581, -120.0261



7.7057, 10.4103, -32.1043

Previews

White Background



This preview shows how the HunterLab color 88.0256, -10.4165, 47.5434 looks on a white background.

Color Contrast Check

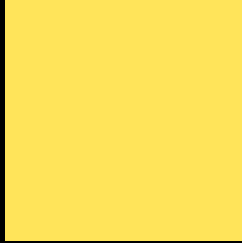
Large Text (above 18pt) WCAG AA × Fail

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 88.0256, -10.4165, 47.5434 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 88.0256, -10.4165, 47.5434 Background



This preview shows how black text looks on a background with the HunterLab color 88.0256, -10.4165, 47.5434.



This preview shows how white text looks on a background with the HunterLab color 88.0256, -10.4165, 47.5434.

-10.4165, 47.5434.

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

88.0256, -10.4165, 47.5434

Protanopia

87.9180, -10.7977, 47.4625

Deuteranopia

87.9845, 0.3577, 24.3992



Tritanopia

88.1114, 9.6036, 4.0869

Trichromacy



Original Color

88.0256, -10.4165, 47.5434

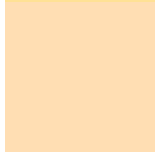
Protanomaly

87.9180, -10.7977, 47.4625



Deuteranomaly

87.9092, -4.4164, 34.9149



Tritanomaly

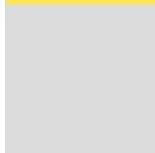
87.6112, 0.5007, 25.1329

Monochromacy



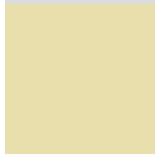
Original Color

88.0256, -10.4165, 47.5434



Achromatopsia

84.5987, -4.5140, 4.5964



Achromatomaly

85.5080, -8.6584, 25.1249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.0256, -10.4165, 47.5434 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(255, 228, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 90)  
}
```

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(255, 228, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 88.0256, -10.4165, 47.5434 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(255, 228, 90) }
```


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

```
.border{ border-color:rgb(255, 228, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.0256, -10.4165, 47.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 90) }
```

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

```
.background{ background-color: rgb(255,  
228, 90) }
```

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