

Converting Colors

HunterLab(85.4513, -7.9164,
49.4333)

Have a look what the booklet for
HunterLab(85.4513, -7.9164,
49.4333) contains.

HunterLab(85.3131, -7.7011, 49.3665)	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(85.3131, -7.7011,
49.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDC3D
RGB	255, 220, 61
RGB Percent	100%, 86%, 24%
CMY	0.0000, 0.1372, 0.7608
CMYK	0.00, 0.14, 0.76, 0.00
HSL	49°, 100%, 62%
HSV	49°, 76%, 100%
XYZ	67.6754, 72.7833, 14.8966
YIQ	212.3390, 71.8990, -42.0290

Conversions

Conversions Part 2

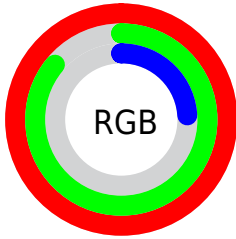
Format	Color
RYB	104, 255, 61
Decimal	16768061
CIELab	88.35, -3.28, 76.85
CIELCh	88, 76.918, 92.447
Yxy	72.7868, 0.4356, 0.4685
Android (android.graphics.Color)	4294958141 (0xFFFFDC3D)
YUV	212.3390, -74.6101, 37.4137
Hunter-Lab	85.3131, -7.7011, 49.3665

Details

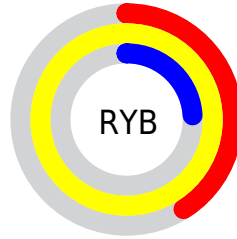
The HunterLab color **85.3131, -7.7011, 49.3665** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **40.7157, 34.6550, -112.0706**, and the grayscale version is **81.5775, -4.3528, 4.4323**.

A 20% lighter version of the original color is **97.0237, -21.8933, 48.5437**, and **61.9513, -5.5430, 38.0770** is the 20% darker color. If you saturate the color by 10%, you get **83.7811, -6.0966, 50.3654**, and if you desaturate by 10%, it is **86.9355, -8.9051, 47.3358**.

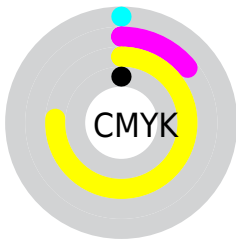
Distribution



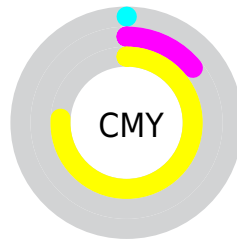
- Red (100%)
- Green (86%)
- Blue (24%)



- Red (41%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.3131, -7.7011, 49.3665 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 85.3131, -7.7011, 49.3665 by changing the saturation by 10% instead.

 85.3131, -7.7011,
49.3665


 85.3131, -7.7011,
49.3665

216.8583,
-15.8932, 87.7237

 73.3496, -6.9086,
44.3915


 110.9840, -9.3681,
58.7699


 62.0025, -6.1368,
39.2045


 124.6378,
-10.2347, 63.2375


 51.3096, -5.3897,
33.7891


 138.8097,
-11.1238, 67.5728

 41.3137, -4.6673,
28.2667

 153.4814,
-12.0351, 71.7908

 32.0674, -3.9692,
22.4472

 168.6364,
-12.9681, 75.9043

 23.6371, -3.2943,
16.5459

184.2598,

 16.1111, -2.6397,

-13.9224, 79.9247

11.2778

200.3380,
-14.8976, 83.8617

■ 9.6151, -2.0117,
6.7305

0.0000, NaN, NaN

■ 85.3131, -7.7011,
49.3665

■ 85.3131, -7.7011,
49.3665

■ 83.7811, -6.0966,
50.3654

■ 86.9355, -8.9051,
47.3358

■ 82.3254, -4.1301,
50.4493

■ 88.6468, -9.6668,
44.2006

■ 81.7692, -3.2968,
50.3281

■ 90.4520, -9.9706,
39.9232

■ 92.3525, -9.8065,
34.4883

■ 94.3487, -9.1717,
27.8987

■ 96.4402, -8.0689,
20.1708

■ 98.6260, -6.5058,
11.3318

■ 99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



85.3152, 32.5830, 46.5341



85.3131, -7.7011, 49.3665



85.3152, -40.8558, 45.3365

Triad

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



85.3152, -7.7046, 49.3672



85.3152, -58.6158, -42.6165



85.3152, 71.7695, -34.9214

Complementary

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



85.3131, -7.7011, 49.3665



40.7157, 34.6550, -112.0706

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.



85.3152, 39.0538, -79.0661



85.3131, -7.7011, 49.3665



85.3152, -36.2618, -84.7271

Square

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



85.3152, -7.7046, 49.3672



85.3152, -66.7957, 1.5721



85.3152, -1.3626, -100.3749



85.3152, 83.0358, 7.6056

Rectangle

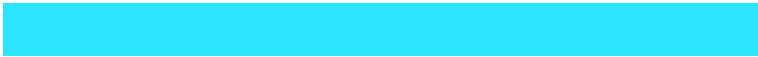
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3131, -7.7011, 49.3665



85.3152, -55.8093, 37.4550



85.3152, -1.3626, -100.3749



85.3152, 62.6601, -50.6066

Sweetspot

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



85.3152, -7.7046, 49.3672



94.9823, -8.8821, 25.6419



50.4510, 71.0889, 19.1644



43.5995, -4.2645, 13.0844

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3152, -7.7046, 49.3672



83.0555, -5.1691, 50.5111



91.2516, -44.7882, 52.5756



45.2775, -3.2816, 6.7017



59.2782, -2.6684, 36.4802



18.8681, -1.4466, 11.6011

Inverse Universe

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



40.7157, 34.6550, -112.0706



33.4066, 49.9071, -146.4508



38.3766, 62.1788, -121.4271



42.3172, -1.2166, -2.3175



22.2381, 41.4946, -117.3706



7.8631, 9.9346, -31.2741

Previews

White Background



This preview shows how the HunterLab color 85.3131, -7.7011, 49.3665 looks on a white background.

Color Contrast Check

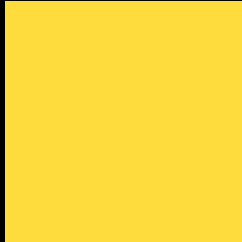
Large Text (above 18pt) WCAG AA × Fail

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 85.3131, -7.7011, 49.3665 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 85.3131, -7.7011, 49.3665 Background



This preview shows how black text looks on a background with the HunterLab color 85.3131, -7.7011, 49.3665.



This preview shows how white text looks on a background with the HunterLab color 85.3131, -7.7011,

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

85.3131, -7.7011, 49.3665

Protanopia

85.2819, -10.9808, 49.1897

Deuteranopia

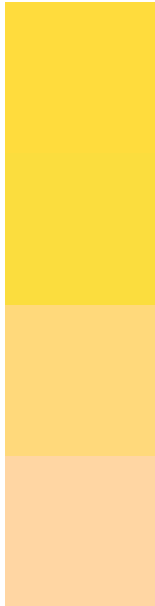
85.3668, 1.2710, 29.8436



Tritanopia

85.1902, 12.9639, 5.1116

Trichromacy



Original Color

85.3131, -7.7011, 49.3665

Protanomaly

85.1880, -9.7170, 49.1504

Deuteranomaly

85.0387, -2.6654, 39.2888

Tritanomaly

84.8513, 2.7593, 28.1213

Monochromacy



Original Color

85.3131, -7.7011, 49.3665

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

82.1761, -8.3062, 27.4766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3131, -7.7011, 49.3665 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, 220, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 61)  
}
```

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, 220, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3131, -7.7011, 49.3665 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, 220, 61) }
```


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

```
.border{ border-color:rgb(255, 220, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3131, -7.7011, 49.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 61) }
```

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

```
.background{ background-color: rgb(255,  
220, 61) }
```

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