

Converting Colors

HunterLab(77.1756, -31.7944,
35.3323)

Have a look what the booklet for
HunterLab(77.1756, -31.7944,
35.3323) contains.

HunterLab(77.1792, -31.5640, 35.2287)	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(77.1792,
-31.5640, 35.2287)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD970
RGB	172, 217, 112
RGB Percent	67%, 85%, 44%
CMY	0.3255, 0.1490, 0.5608
CMYK	0.21, 0.00, 0.48, 0.15
HSL	86°, 58%, 65%
HSV	86°, 48%, 85%
XYZ	44.7508, 59.5663, 24.4682
YIQ	191.5750, 6.8850, -42.1950

Conversions

Conversions Part 2

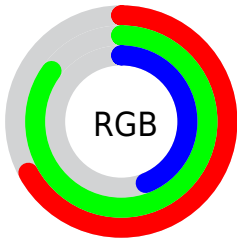
Format	Color
RYB	112, 217, 157
Decimal	11327856
CIELab	81.60, -31.72, 46.69
CIELCh	82, 56.444, 124.196
Yxy	59.5689, 0.3475, 0.4625
Android (android.graphics.Color)	4289517936 (0xFFACD970)
YUV	191.5750, -39.2305, -17.1673
Hunter-Lab	77.1792, -31.5640, 35.2287

Details

The HunterLab color $77.1792, -31.5640, 35.2287$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $48.7524, 32.6734, -49.2257$, and the grayscale version is $72.5830, -3.8728, 3.9436$.

A 20% lighter version of the original color is $95.3578, -26.5663, 35.8630$, and $54.7255, -27.0382, 28.6167$ is the 20% darker color. If you saturate the color by 10%, you get $76.2407, -35.7547, 38.7783$, and if you desaturate by 10%, it is $78.2314, -26.8741, 30.7239$.

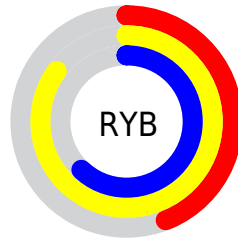
Distribution



Red (67%)

Green (85%)

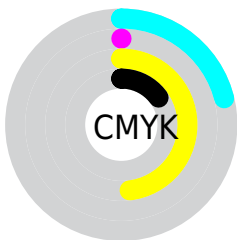
Blue (44%)



Red (44%)

Yellow (85%)

Blue (62%)

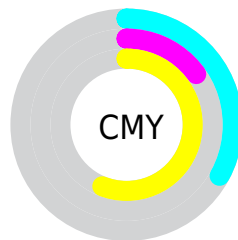


Cyan (21%)

Magenta (0%)

Yellow (48%)

Black (15%)



Cyan (33%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.1792, -31.5640, 35.2287 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 77.1792, -31.5640, 35.2287 by changing the saturation by 10% instead.

■ 77.1792, -31.5640,
35.2287

■ 77.1792, -31.5640,
35.2287

205.6713,
-50.4616, 60.7886

■ 65.6287, -29.2763,
31.9671

■ 102.0804,
-35.9744, 41.3998

■ 54.7184, -26.9092,
28.5538

■ 115.3735,
-38.1150, 44.3456

■ 44.4903, -24.4419,
24.9561

■ 129.1982,
-40.2238, 47.2174

■ 34.9932, -21.8412,
21.1335

■ 143.5348,
-42.3066, 50.0260

■ 26.2887, -19.0572,
17.1718

158.3657,
-44.3682, 52.7805

■ 18.4566, -16.0078,
12.9196

173.6748,

■ 11.6079, -13.4474,

-46.4124, 55.4885

8.1255

189.4478,
-48.4427, 58.1561

■ 4.2130, -7.3728,
2.9491

0.0000, NaN, NaN

■ 77.1792, -31.5640,
35.2287

■ 77.1792, -31.5640,
35.2287

■ 76.2407, -35.7547,
38.7783

■ 78.2314, -26.8741,
30.7239

■ 75.4083, -39.4386,
41.3998


■ 79.3935, -21.6890,
25.2510


■ 74.6798, -42.6256,
43.1443


■ 80.6678, -16.0270,
18.8144


■ 74.0495, -45.3365,
44.0898


■ 82.0536, -9.9091,
11.4303


 73.5073, -47.6211,
44.3801


 83.5500, -3.3602,
3.1251

 73.4255, -47.9652,
44.4047

 85.1551, 3.5922,
-6.0669

 86.5283, 9.1219,
-11.3481

 87.4729, 12.2415,
-10.0113

 88.3789, 15.2031,
-8.7439

Harmonies

Analogous

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



77.1809, -7.9406, 39.3418



77.1792, -31.5640, 35.2287



77.1809, -46.0709, 22.9941

Triad

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



77.1809, -31.5659, 35.2293



77.1809, -25.7507, -55.9376



77.1809, 55.7878, 7.7800

Complementary

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



77.1792, -31.5640, 35.2287



48.7524, 32.6734, -49.2257

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.



77.1809, 49.2887, -20.9646



77.1792, -31.5640, 35.2287



77.1809, -0.2284, -64.3921

Square

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



77.1809, -31.5659, 35.2293



77.1809, -43.0567, -29.6219



77.1809, 27.7883, -49.8362



77.1809, 44.4872, 27.4008

Rectangle

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



77.1792, -31.5640, 35.2287



77.1809, -49.8691, 9.1015



77.1809, 27.7883, -49.8362



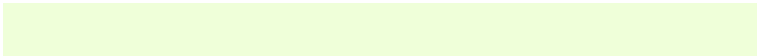
77.1809, 55.6220, -1.0431

Sweetspot

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



77.1809, -31.5659, 35.2293



97.3647, -16.9116, 19.8286



62.9419, 12.9000, 24.5696



44.8853, -8.5322, 10.0149

0.0000, NaN, NaN



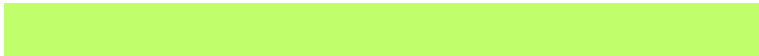
46.2646, -2.4686, 2.5136

Same Dimension

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



77.1809, -31.5659, 35.2293



91.5090, -42.9895, 46.6045



74.0577, -43.8199, 32.5936



38.6931, -4.9952, 5.7878



57.1820, -37.0914, 34.5860



14.7268, -8.7434, 8.9215

Inverse Universe

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



48.7524, 32.6734, -49.2257



51.3393, 49.2387, -76.7623



54.8142, 48.6740, -36.3813



35.9008, 1.1402, -2.0561



21.2162, 50.6269, -97.0918



5.8463, 13.3724, -22.2723

Previews

White Background



This preview shows how the HunterLab color 77.1792, -31.5640, 35.2287 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 77.1792, -31.5640, 35.2287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

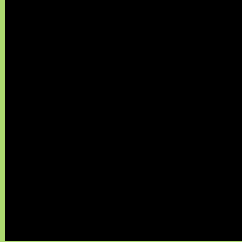
Any Text WCAG AA ✓ Pass

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 77.1792, -31.5640, 35.2287 Background



This preview shows how black text looks on a background with the HunterLab color 77.1792, -31.5640, 35.2287.



This preview shows how white text looks on a background with the HunterLab color 77.1792, -31.5640, 35.2287.

-31.5640, 35.2287.

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

77.1792, -31.5640, 35.2287

Protanopia

76.8053, -8.4319, 36.4417

Deuteranopia

76.8380, 5.7215, 34.2221



Tritanopia

77.1025, -6.7283, -5.2107

Trichromacy



Original Color

77.1792, -31.5640, 35.2287

Protanomaly

76.5292, -17.3622, 35.6441

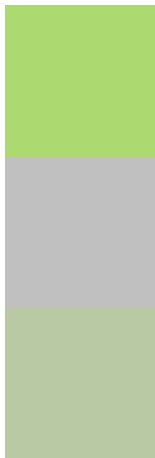
Deuteranomaly

76.5259, -9.1610, 34.1930

Tritanomaly

76.7347, -16.9703, 13.2088

Monochromacy



Original Color

77.1792, -31.5640, 35.2287

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.9810, -14.8474, 17.5573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.1792, -31.5640, 35.2287 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(172, 217, 112)` looks like.

```
.text, #text, p{  
    color:rgb(172, 217, 112)  
}
```

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(172, 217, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 217, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 77.1792, -31.5640, 35.2287 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(172, 217, 112) }
```


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

```
.border{ border-color:rgb(172, 217, 112) }
```

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

Here you see how a box with a 4 pixel rgb(172, 217, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 217, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 217, 112);  
box-shadow:4px 4px 4px 4px rgb(172, 217,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.1792, -31.5640, 35.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 217, 112) }
```

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

```
.background{ background-color: rgb(172,  
217, 112) }
```

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