

# Converting Colors

HunterLab(75.5094, -30.9836,  
37.7466)

Have a look what the booklet for  
HunterLab(75.5094, -30.9836,  
37.7466) contains.

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# Color

**HunterLab(75.6091,  
-31.2066, 37.7396)**

# Conversions

Conversions Part 1	
Format	Color
Hex	ACD55E
RGB	172, 213, 94
RGB Percent	67%, 84%, 37%
CMY	0.3255, 0.1647, 0.6314
CMYK	0.19, 0.00, 0.56, 0.16
HSL	81°, 59%, 60%
HSV	81°, 56%, 84%
XYZ	42.8279, 57.1674, 19.3668
YIQ	187.1750, 13.7630, -45.7010

# Conversions

## Conversions Part 2

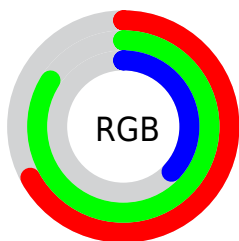
Format	Color
<a href="#">RYB</a>	<a href="#">94, 213, 135</a>
Decimal	<a href="#">11326814</a>
CIELab	<a href="#">80.28, -31.65, 53.51</a>
CIELCh	<a href="#">80, 62.172, 120.603</a>
Yxy	<a href="#">57.1699, 0.3588, 0.4789</a>
Android (android.graphics.Color)	<a href="#">4289516894</a> (0xFFACD55E)
YUV	<a href="#">187.1750, -45.9353, -13.3085</a>
Hunter-Lab	<a href="#">75.6091, -31.2066, 37.7396</a>

# Details

The HunterLab color **75.6091, -31.2066, 37.7396** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **42.3816, 35.3666, -61.3357**, and the grayscale version is **70.7516, -3.7751, 3.8441**.

A 20% lighter version of the original color is **95.0348, -28.4121, 40.5835**, and **53.2812, -26.4200, 30.1352** is the 20% darker color. If you saturate the color by 10%, you get **74.8539, -34.5718, 40.5675**, and if you desaturate by 10%, it is **76.4592, -27.4015, 33.9854**.

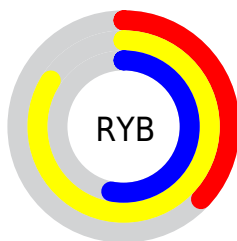
# Distribution



Red (67%)

Green (84%)

Blue (37%)



Red (37%)

Yellow (84%)

Blue (53%)

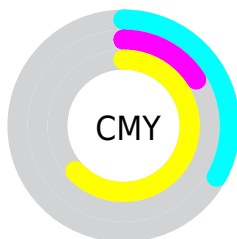


Cyan (19%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (33%)

Magenta (16%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6091, -31.2066, 37.7396 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 75.6091, -31.2066, 37.7396 by changing the saturation by 10% instead.




 75.6091, -31.2066,  
37.7396

 75.6091, -31.2066,  
37.7396


203.4909,  
-50.1082, 66.4083


 64.1418, -28.9138,  
34.0315


 100.3559,  
-35.6228, 44.7267


 53.3196, -26.5393,  
30.1427


 113.5767,  
-37.7647, 48.0474

 43.1855, -24.0611,  
26.0394


 127.3320,  
-39.8741, 51.2754

 33.7899, -21.4447,  
21.6853

 141.6017,  
-41.9569, 54.4235

 25.1961, -18.6369,  
17.6373

156.3679,  
-44.0180, 57.5025

 17.4874, -15.5501,  
12.2412


171.6144,

 10.7802, -13.7568,


-46.0615, 60.5215


7.5462


187.3265,  
-48.0906, 63.4879


 1.7450, -3.0538,  
1.2215


0.0000, NaN, NaN


 75.6091, -31.2066,  
37.7396


 75.6091, -31.2066,  
37.7396


 74.8539, -34.5718,  
40.5675


 76.4592, -27.4015,  
33.9854


 74.1849, -37.5014,  
42.5154


 77.4017, -23.1488,  
29.2741


 73.5986, -40.0179,  
43.6555


 78.4399, -18.4551,  
23.5931

 73.0876, -42.1565,  
44.0932

 79.5747, -13.3307,  
16.9426


 72.8921, -42.9667,  
44.1636

 80.8061, -7.7903,  
9.3343

 82.1336, -1.8518,  
0.7894

 83.5563, 4.4639,  
-8.6632

 84.7071, 9.1945,  
-13.8628

 85.4389, 11.6114,  
-12.8024

# Harmonies

## Analogous

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



75.6108, -4.6439, 40.9835



75.6091, -31.2066, 37.7396



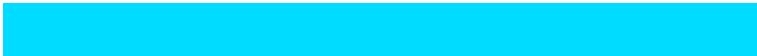
75.6108, -47.9995, 26.3918

# Triad

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



75.6108, -31.2086, 37.7402



75.6108, -30.3097, -60.9583



75.6108, 62.6834, 4.6903

# Complementary

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



75.6091, -31.2066, 37.7396



42.3816, 35.3666, -61.3357

# 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.



75.6108, 53.0361, -28.0599



75.6091, -31.2066, 37.7396



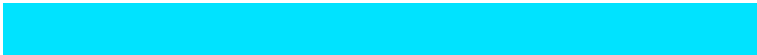
75.6108, -3.4311, -73.8333

# Square

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



75.6108, -31.2086, 37.7402



75.6108, -47.5402, -29.4683



75.6108, 27.6090, -59.9466



75.6108, 52.2621, 27.0517



# Rectangle

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



75.6091, -31.2066, 37.7396



75.6108, -52.9277, 12.5347



75.6108, 27.6090, -59.9466



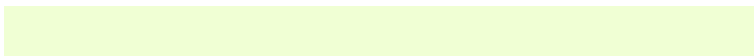
75.6108, 61.6664, -5.3986

# Sweetspot

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



75.6108, -31.2086, 37.7402



97.3612, -17.1923, 21.9023



56.4928, 21.0233, 24.0638



44.9101, -8.5569, 10.9283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6108, -31.2086, 37.7402



91.6054, -43.0741, 50.2441



72.0873, -45.0972, 34.9199



37.8098, -4.6145, 5.7162



57.0198, -33.3743, 34.5511



14.1635, -7.5592, 8.5951



# Inverse Universe

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



42.3816, 35.3666, -61.3357



44.0743, 54.7505, -99.1521



49.1634, 52.1140, -44.7148



34.9495, 0.8526, -2.0937



19.6480, 48.5830, -103.0794



5.2729, 12.3866, -22.6132



# Previews

## White Background



This preview shows how the HunterLab color 75.6091, -31.2066, 37.7396 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

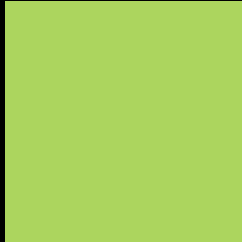
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6091, -31.2066, 37.7396 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 75.6091, -31.2066, 37.7396 Background



This preview shows how black text looks on a background with the HunterLab color 75.6091, -31.2066, 37.7396.



This preview shows how white text looks on a background with the HunterLab color 75.6091,

-31.2066, 37.7396.

# 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

75.6091, -31.2066, 37.7396

### Protanopia

75.3662, -9.2436, 38.6689

### Deuteranopia

75.1987, 5.6173, 36.9294



## Tritanopia

75.3865, -5.1486, -4.7316

# Trichromacy



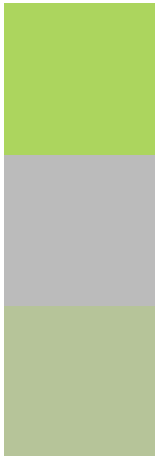
**Original Color**  
75.6091, -31.2066, 37.7396

**Protanomaly**  
75.2579, -17.5925, 38.2681

**Deuteranomaly**  
74.9503, -8.9591, 36.8863

**Tritanomaly**  
75.2239, -16.3912, 15.3032

# Monochromacy



**Original Color**  
75.6091, -31.2066, 37.7396

**Achromatopsia**  
70.4935, -3.7614, 3.8300

**Achromatomaly**  
71.9200, -14.7167, 19.2145

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6091, -31.2066, 37.7396 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, 213, 94)` looks like.

```
.text, #text, p{  
    color:rgb(172, 213, 94)  
}
```

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, 213, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 213, 94) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6091, -31.2066, 37.7396 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, 213, 94) }
```



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

```
.border{ border-color:rgb(172, 213, 94) }
```

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

Here you see how a box with a 4 pixel rgb(172, 213, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 213, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 213, 94);  
box-shadow:4px 4px 4px 4px rgb(172, 213,  
94) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6091, -31.2066, 37.7396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 213, 94) }
```

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

```
.background{ background-color: rgb(172,  
213, 94) }
```

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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