

# Converting Colors

HunterLab(74.6877, -46.9464,  
36.1624)

Have a look what the booklet for  
HunterLab(74.6877, -46.9464,  
36.1624) contains.

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# Color

**HunterLab(74.7204,  
-46.9412, 36.2468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75DC61
RGB	117, 220, 97
RGB Percent	46%, 86%, 38%
CMY	0.5412, 0.1372, 0.6196
CMYK	0.47, 0.00, 0.56, 0.14
HSL	110°, 64%, 62%
HSV	110°, 56%, 86%
XYZ	35.0870, 55.8314, 20.2365
YIQ	175.1810, -21.9050, -60.0890

# Conversions

## Conversions Part 2

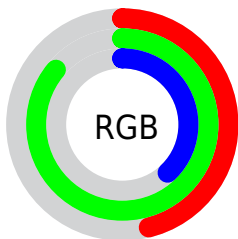
Format	Color
<a href="#">RYB</a>	97, 220, 200
Decimal	7724129
CIELab	79.52, -53.04, 50.55
CIELCh	80, 73.268, 136.375
Yxy	55.8337, 0.3157, 0.5023
Android (android.graphics.Color)	4285914209 (0xFF75DC61)
YUV	175.1810, -38.5432, -51.0247
Hunter-Lab	74.7204, -46.9412, 36.2468

# Details

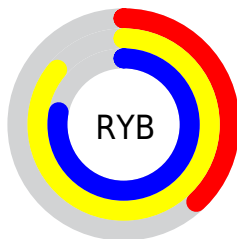
The HunterLab color  $74.7204, -46.9412, 36.2468$  is a dark color, and the websafe version is hex  $66CC66$ . A complement of this color would be  $50.9882, 54.3574, -46.3679$ , and the grayscale version is  $65.7127, -3.5063, 3.5703$ .

A 20% lighter version of the original color is  $91.0320, -43.5668, 36.2617$ , and  $52.5105, -39.6765, 28.9716$  is the 20% darker color. If you saturate the color by 10%, you get  $73.7059, -51.5755, 39.1592$ , and if you desaturate by 10%, it is  $75.9650, -41.3346, 32.4630$ .

# Distribution



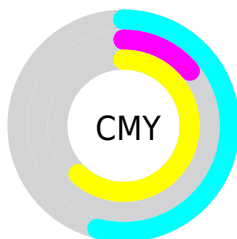
- Red (46%)
- Green (86%)
- Blue (38%)



- Red (38%)
- Yellow (86%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (56%)
- Black (14%)




- Cyan (54%)
- Magenta (14%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.7204, -46.9412, 36.2468 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 74.7204, -46.9412, 36.2468 by changing the saturation by 10% instead.





 74.7204, -46.9412,  
36.2468


 74.7204, -46.9412,  
36.2468


202.2535,  
-74.6506, 63.6455


 63.3006, -43.3872,  
32.7127


 99.3788, -53.6499,  
42.9090


 52.5289, -39.6551,  
29.0060


 112.5584,  
-56.8468, 46.0782

 42.4488, -35.6993,  
25.0921


 126.2740,  
-59.9611, 49.1609

 33.1113, -31.4527,  
20.9315

 140.5054,  
-63.0050, 52.1695

 24.5812, -26.8145,  
17.1487

155.2346,  
-65.9883, 55.1144

 16.9436, -21.6538,  
11.8605

170.4454,

 10.3184, -18.0572,

-68.9194, 58.0041

7.2229

186.1228,  
-71.8048, 60.8458

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7204, -46.9412,  
36.2468

■ 74.7204, -46.9412,  
36.2468

■ 73.7059, -51.5755,  
39.1592

■ 75.9650, -41.3346,  
32.4630

■ 72.9095, -55.2259,  
41.2204

■ 77.4384, -34.7864,  
27.8133

■ 72.3208, -57.9183,  
42.4869

■ 79.1420, -27.3538,  
22.3278

■ 71.9226, -59.7168,  
43.0598

■ 81.0732, -19.1080,  
16.0537

■ 71.8050, -60.2453,

■ 83.2266, -10.1292,

43.1912

9.0504

■ 85.5952, -0.5023,  
1.3841

■ 88.1708, 9.6884,  
-6.8754

■ 89.2573, 13.5545,  
-7.6068

# Harmonies

## Analogous

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



74.7220, -22.1304, 43.2228



74.7204, -46.9412, 36.2468



74.7220, -59.0462, 17.6994

# Triad

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



74.7220, -46.9425, 36.2473



74.7220, -19.2748, -89.4552



74.7220, 72.6611, 20.0368

# Complementary

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



74.7204, -46.9412, 36.2468



50.9882, 54.3574, -46.3679

# Split Complementary

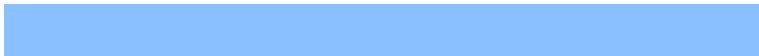
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7220, 73.8156, -12.7436



74.7204, -46.9412, 36.2468



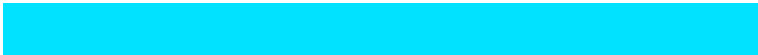
74.7220, 16.0630, -87.8206

# Square

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



74.7220, -46.9425, 36.2473



74.7220, -45.1870, -59.1567



74.7220, 51.5825, -55.3810



74.7220, 48.6712, 37.2741



# Rectangle

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



74.7204, -46.9412, 36.2468



74.7220, -60.0579, -3.4405



74.7220, 51.5825, -55.3810



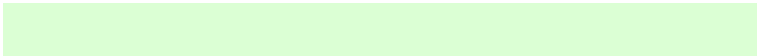
74.7220, 75.8670, 10.8688

# Sweetspot

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



74.7220, -46.9425, 36.2473



95.5348, -23.8362, 19.9381



75.6034, -9.0284, 37.5587



43.9780, -11.9648, 9.9425

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.7220, -46.9425, 36.2473



86.9496, -61.7540, 46.7565



74.5422, -46.3685, 25.9947



38.3502, -6.2196, 5.3944



55.0367, -46.0285, 33.1075



14.1221, -11.2334, 8.5053



# Inverse Universe

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



50.9882, 54.3574, -46.3679



54.7278, 77.0298, -67.4229



51.9819, 53.0099, -15.6871



36.2796, 2.4191, -1.5476



30.1188, 61.6480, -58.5883



7.8544, 15.9521, -14.3146



# Previews

## White Background



This preview shows how the HunterLab color 74.7204, -46.9412, 36.2468 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 74.7204, -46.9412, 36.2468 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 74.7204, -46.9412, 36.2468 Background



This preview shows how black text looks on a background with the HunterLab color 74.7204, -46.9412, 36.2468.



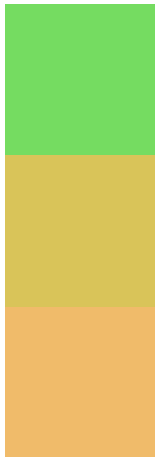
This preview shows how white text looks on a background with the HunterLab color 74.7204,

-46.9412, 36.2468.

# 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

74.7204, -46.9412, 36.2468

### Protanopia

74.1302, -8.9502, 37.9628

### Deuteranopia

74.2338, 5.4849, 34.9478



## Tritanopia

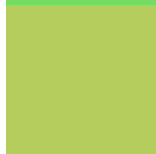
74.5762, -18.9303, -9.8803

# Trichromacy



## Original Color

74.7204, -46.9412, 36.2468



## Protanomaly

73.6608, -25.1440, 36.7994



## Deuteranomaly

73.0946, -17.1024, 34.3326



## Tritanomaly

74.2744, -31.4588, 12.0133

# Monochromacy



## Original Color

74.7204, -46.9412, 36.2468



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

67.9987, -21.2836, 17.4594

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.7204, -46.9412, 36.2468 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(117, 220, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 220, 97)  
}
```

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(117, 220, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 220, 97) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.7204, -46.9412, 36.2468 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(117, 220, 97) }
```



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

```
.border{ border-color:rgb(117, 220, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 220, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 220, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 220, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 220,  
97) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.7204, -46.9412, 36.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 220, 97) }
```

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

```
.background{ background-color: rgb(117,  
220, 97) }
```

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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