

# Converting Colors

HunterLab(75.2253, -53.4595,  
32.2044)

Have a look what the booklet for  
HunterLab(75.2253, -53.4595,  
32.2044) contains.

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# Color

**HunterLab(75.2267,  
-53.4381, 32.1546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AE175
RGB	74, 225, 117
RGB Percent	29%, 88%, 46%
CMY	0.7098, 0.1176, 0.5412
CMYK	0.67, 0.00, 0.48, 0.12
HSL	137°, 72%, 59%
HSV	137°, 67%, 88%
XYZ	32.9601, 56.5906, 26.0154
YIQ	167.5390, -55.3280, -65.6000

# Conversions

## Conversions Part 2

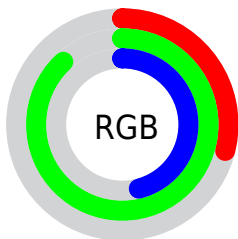
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 192, 225
Decimal	4907381
CIELab	79.95, -62.29, 41.32
CIELCh	80, 74.754, 146.440
Yxy	56.5929, 0.2852, 0.4897
Android (android.graphics.Color)	4283097461 (0xFF4AE175)
YUV	167.5390, -24.9157, -82.0337
Hunter-Lab	75.2267, -53.4381, 32.1546

# Details

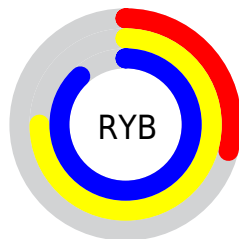
The HunterLab color **75.2267, -53.4381, 32.1546** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **49.2783, 65.7007, -21.7341**, and the grayscale version is **62.5028, -3.3350, 3.3959**.

A 20% lighter version of the original color is **89.4143, -49.1564, 28.6884**, and **53.2903, -43.0614, 26.3489** is the 20% darker color. If you saturate the color by 10%, you get **74.5032, -56.9197, 35.1326**, and if you desaturate by 10%, it is **76.1989, -48.9145, 28.8040**.

# Distribution



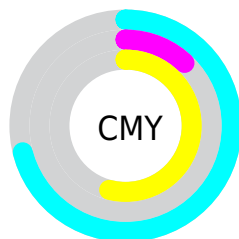
- Red (29%)
- Green (88%)
- Blue (46%)



- Red (29%)
- Yellow (75%)
- Blue (88%)



- Cyan (67%)
- Magenta (0%)
- Yellow (48%)
- Black (12%)




- Cyan (71%)
- Magenta (12%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.2267, -53.4381, 32.1546 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 75.2267, -53.4381, 32.1546 by changing the saturation by 10% instead.





 75.2267, -53.4381,  
32.1546


 75.2267, -53.4381,  
32.1546


202.9586,  
-85.0474, 55.4630

 63.7797, -49.3265,  
29.2048


 99.9354, -61.1617,  
37.7476


 52.9792, -44.9955,  
26.1203


 113.1385,  
-64.8261, 40.4245

 42.8683, -40.3904,  
22.8692


 126.8768,  
-68.3856, 43.0389

 33.4976, -35.4323,  
19.4095

 141.1300,  
-71.8552, 45.6008

 24.9311, -30.0052,  
15.7371

155.8803,  
-75.2469, 48.1180

 17.2529, -24.2071,  
12.0770

171.1115,

 10.5809, -18.5165,

-78.5708, 50.5972

7.4066

186.8087,  
-81.8353, 53.0440

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.2267, -53.4381,  
32.1546

■ 75.2267, -53.4381,  
32.1546

■ 74.5032, -56.9197,  
35.1326

■ 76.1989, -48.9145,  
28.8040

■ 74.0046, -59.4018,  
37.7064

■ 77.4278, -43.3430,  
25.1183

■ 73.7026, -60.9891,  
39.8543


■ 78.9217, -36.7562,  
21.1441


■ 73.6366, -61.3447,  
40.3862


■ 80.6827, -29.2139,  
16.9317


■ 82.7089, -20.7960,

12.5326

 84.9948, -11.5950,  
7.9970

 87.5324, -1.7094,  
3.3715

 90.3120, 8.7627,  
-1.3025

 90.7373, 10.8159,  
-5.7178

# Harmonies

## Analogous

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



75.2282, -32.4200, 42.4096



75.2267, -53.4381, 32.1546



75.2282, -61.3806, 8.0693

# Triad

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



75.2282, -53.4391, 32.1551



75.2282, -8.2674, -95.7033



75.2282, 68.5211, 27.9063

# Complementary

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



75.2267, -53.4381, 32.1546



49.2783, 65.7007, -21.7341

# 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.



75.2282, 78.2666, -0.1089



75.2267, -53.4381, 32.1546



75.2282, 29.3440, -81.9225

# Square

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



75.2282, -53.4391, 32.1551



75.2282, -38.5814, -74.0171



75.2282, 62.7759, -42.1481



75.2282, 38.1910, 40.8910



# Rectangle

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



75.2267, -53.4381, 32.1546



75.2282, -59.5541, -17.0216



75.2282, 62.7759, -42.1481



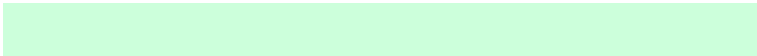
75.2282, 74.5327, 20.4458

# Sweetspot

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



75.2282, -53.4391, 32.1551



94.5763, -27.0036, 15.9972



80.1991, -34.6142, 44.0225



43.4473, -13.7709, 8.0665

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.2282, -53.4391, 32.1551



85.5725, -67.0059, 41.8672



76.8941, -43.3422, 8.0422



39.2443, -6.4164, 4.2128



55.9127, -46.4689, 30.4271



14.7718, -11.9138, 7.2550



# Inverse Universe

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



49.2783, 65.7007, -21.7341



52.3495, 86.7193, -25.4952



46.8632, 55.6471, 12.3506



37.2365, 2.5223, -0.0498



32.7515, 60.6750, -14.3943

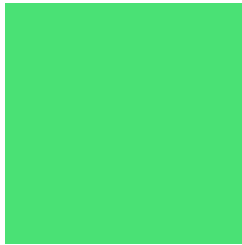


8.7102, 16.2860, -4.9885



# Previews

## White Background



This preview shows how the HunterLab color 75.2267, -53.4381, 32.1546 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 75.2267, -53.4381, 32.1546 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 75.2267, -53.4381, 32.1546 Background



This preview shows how black text looks on a background with the HunterLab color 75.2267, -53.4381, 32.1546.



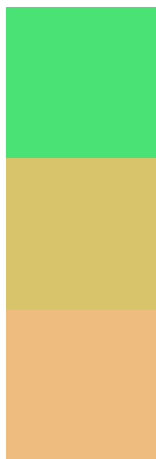
This preview shows how white text looks on a background with the HunterLab color 75.2267, -53.4381, 32.1546.

-53.4381, 32.1546.

# 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

75.2267, -53.4381, 32.1546

### Protanopia

74.5607, -8.5321, 34.7335

### Deuteranopia

74.4831, 5.4752, 30.2796



## Tritanopia

74.9100, -25.6348, -13.5423

# Trichromacy



## Original Color

75.2267, -53.4381, 32.1546



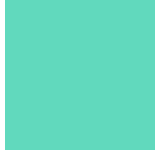
## Protanomaly

73.2570, -29.5360, 32.4519



## Deuteranomaly

72.5729, -21.6782, 29.0305



## Tritanomaly

74.7270, -37.7853, 7.1863

# Monochromacy



## Original Color

75.2267, -53.4381, 32.1546



## Achromatopsia

62.5758, -3.3389, 3.3999



## Achromatomaly

66.0556, -25.1959, 14.7406

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.2267, -53.4381, 32.1546 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(74, 225, 117)` looks like.

```
.text, #text, p{  
    color:rgb(74, 225, 117)  
}
```

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(74, 225, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 225, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.2267, -53.4381, 32.1546 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(74, 225, 117) }
```



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

```
.border{ border-color:rgb(74, 225, 117) }
```

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

Here you see how a box with a 4 pixel rgb(74, 225, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 225, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 225, 117);  
box-shadow:4px 4px 4px 4px rgb(74, 225,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.2267, -53.4381, 32.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 225, 117) }
```

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

```
.background{ background-color: rgb(74, 225,  
117) }
```

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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