

# Converting Colors

HunterLab(78.0812, -55.3373,  
39.3068)

Have a look what the booklet for  
HunterLab(78.0812, -55.3373,  
39.3068) contains.

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# Color

**HunterLab(78.0618,  
-55.3138, 39.2673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FE85D
RGB	95, 232, 93
RGB Percent	37%, 91%, 36%
CMY	0.6274, 0.0902, 0.6353
CMYK	0.59, 0.00, 0.60, 0.09
HSL	119°, 75%, 64%
HSV	119°, 60%, 91%
XYZ	35.5517, 60.9364, 20.2441
YIQ	175.1910, -37.0330, -72.2730

# Conversions

## Conversions Part 2

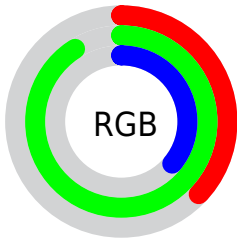
Format	Color
<a href="#">RYB</a>	<a href="#">93, 232, 230</a>
Decimal	<a href="#">6285405</a>
CIELab	<a href="#">82.35, -63.64, 55.41</a>
CIElCh	<a href="#">82, 84.385, 138.957</a>
Yxy	<a href="#">60.9390, 0.3046, 0.5220</a>
Android (android.graphics.Color)	<a href="#">4284475485 (0xFF5FE85D)</a>
YUV	<a href="#">175.1910, -40.5202, -70.3275</a>
Hunter-Lab	<a href="#">78.0618, -55.3138, 39.2673</a>

# Details

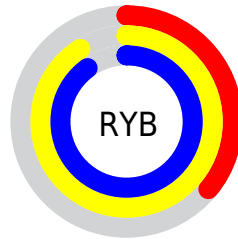
The HunterLab color **78.0618, -55.3138, 39.2673** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **55.2089, 68.6531, -46.7694**, and the grayscale version is **65.7294, -3.5072, 3.5712**.

A 20% lighter version of the original color is **89.8859, -48.2153, 36.3353**, and **55.4919, -46.7250, 31.5058** is the 20% darker color. If you saturate the color by 10%, you get **77.1610, -59.5252, 42.0767**, and if you desaturate by 10%, it is **79.2614, -49.8071, 35.5621**.

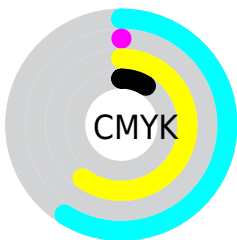
# Distribution



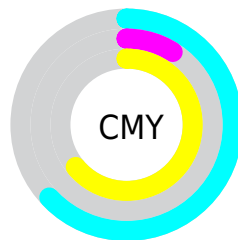
- Red (37%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (9%)




- Cyan (63%)
- Magenta (9%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.0618, -55.3138, 39.2673 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 78.0618, -55.3138, 39.2673 by changing the saturation by 10% instead.




 78.0618, -55.3138,  
39.2673


 78.0618, -55.3138,  
39.2673


206.8938,  
-87.3014, 68.6292


 66.4650, -51.1663,  
35.4750


 103.0488,  
-63.1178, 46.4198


 55.5057, -46.8040,  
31.5021


 116.3821,  
-66.8242, 49.8212

 45.2254, -42.1752,  
27.3165


 130.2455,  
-70.4264, 53.1281

 35.6721, -37.2060,  
22.8833

 144.6194,  
-73.9388, 56.3533

 26.9062, -31.7888,  
18.7790

159.4863,  
-77.3735, 59.5077

 19.0061, -25.7694,  
13.3042

174.8304,

 12.0795, -21.1391,

-80.7402, 62.6002

8.4557

190.6373,  
-84.0472, 65.6385

■ 5.0962, -8.9183,  
3.5673

0.0000, NaN, NaN

■ 78.0618, -55.3138,  
39.2673

■ 78.0618, -55.3138,  
39.2673

■ 77.1610, -59.5252,  
42.0767

■ 79.2614, -49.8071,  
35.5621

■ 76.5358, -62.4721,  
44.0163


■ 80.7658, -43.0192,  
30.9691


■ 76.1604, -64.2510,  
45.1572


■ 82.5810, -35.0115,  
25.5282


■ 75.9861, -65.0789,  
45.6784

■ 84.7057, -25.8767,  
19.3020

 75.9850, -65.0844,  
45.6822

 87.1343, -15.7290,  
12.3681

 89.8575, -4.6934,  
4.8123

 92.8416, 7.0027,  
-3.0867

# Harmonies

## Analogous

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



78.0634, -28.2378, 47.1702



78.0618, -55.3138, 39.2673



78.0634, -67.6191, 17.3309

# Triad

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



78.0634, -55.3150, 39.2677



78.0634, -18.7493, -111.5400



78.0634, 85.6013, 24.9527

# Complementary

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



78.0618, -55.3138, 39.2673



55.2089, 68.6531, -46.7694

# Split Complementary

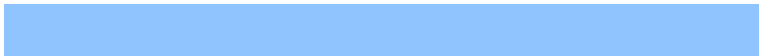
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0634, 89.6144, -11.5802



78.0618, -55.3138, 39.2673



78.0634, 23.2220, -105.6566

# Square

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



78.0634, -55.3150, 39.2677



78.0634, -49.6117, -76.4622



78.0634, 64.8887, -63.0579



78.0634, 54.8497, 42.3613



# Rectangle

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



78.0618, -55.3138, 39.2673



78.0634, -67.9424, -8.3960



78.0634, 64.8887, -63.0579



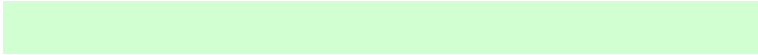
78.0634, 90.3297, 15.0792

# Sweetspot

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



78.0634, -55.3150, 39.2677



94.7601, -26.8300, 20.1380



86.2362, -19.5452, 45.6755



43.4956, -13.8736, 10.3138

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.0634, -55.3150, 39.2677



85.6956, -67.1968, 47.4577



79.1124, -48.7953, 22.9052



40.1235, -7.0065, 5.5325



56.6186, -48.4754, 34.0395



15.4025, -13.1288, 9.2611



# Inverse Universe

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



55.2089, 68.6531, -46.7694



57.0446, 89.8140, -61.6087



52.6271, 57.0399, -6.5809



38.2154, 3.0633, -1.4457



35.2947, 69.6072, -48.2305

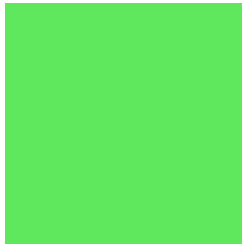


9.6122, 18.9477, -13.0639



# Previews

## White Background



This preview shows how the HunterLab color 78.0618, -55.3138, 39.2673 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 78.0618, -55.3138, 39.2673 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

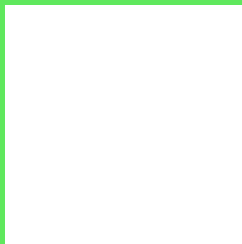
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 78.0618, -55.3138, 39.2673 Background



This preview shows how black text looks on a background with the HunterLab color 78.0618, -55.3138, 39.2673.



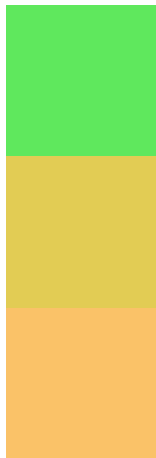
This preview shows how white text looks on a background with the HunterLab color 78.0618, -55.3138, 39.2673.

-55.3138, 39.2673.

# 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

78.0618, -55.3138, 39.2673

### Protanopia

77.4562, -9.8198, 41.1359

### Deuteranopia

77.3996, 5.7250, 37.7611



## Tritanopia

77.9296, -24.2120, -12.2020

# Trichromacy



## Original Color

78.0618, -55.3138, 39.2673



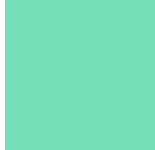
## Protanomaly

76.3192, -30.3518, 39.4913



## Deuteranomaly

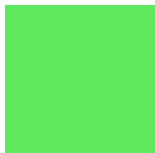
75.8295, -21.8200, 36.9169



## Tritanomaly

77.3998, -38.2720, 12.7057

# Monochromacy



## Original Color

78.0618, -55.3138, 39.2673



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

69.0182, -25.8532, 19.0639

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.0618, -55.3138, 39.2673 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(95, 232, 93)` looks like.

```
.text, #text, p{  
    color:rgb(95, 232, 93)  
}
```

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(95, 232, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 232, 93) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.0618, -55.3138, 39.2673 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(95, 232, 93) }
```



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

```
.border{ border-color:rgb(95, 232, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 232, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 232, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 232, 93);  
box-shadow:4px 4px 4px 4px rgb(95, 232,  
93) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.0618, -55.3138, 39.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 232, 93) }
```

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

```
.background{ background-color: rgb(95, 232,  
93) }
```

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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