

# Converting Colors

HunterLab(69.3230, -49.0568,  
36.6371)

Have a look what the booklet for  
HunterLab(69.3230, -49.0568,  
36.6371) contains.

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# Color

**HunterLab(69.4568,  
-49.1114, 36.7057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD148
RGB	90, 209, 72
RGB Percent	35%, 82%, 28%
CMY	0.6471, 0.1804, 0.7176
CMYK	0.57, 0.00, 0.66, 0.18
HSL	112°, 60%, 55%
HSV	112°, 66%, 82%
XYZ	28.1866, 48.2425, 13.9570
YIQ	157.8010, -26.9470, -67.8350

# Conversions

## Conversions Part 2

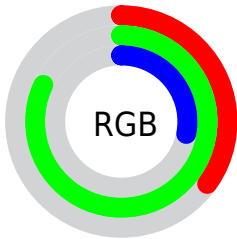
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 209, 191
Decimal	5951816
CIELab	74.98, -58.72, 56.02
CIELCh	75, 81.150, 136.348
Yxy	48.2445, 0.3118, 0.5337
Android (android.graphics.Color)	4284141896 (0xFF5AD148)
YUV	157.8010, -42.2999, -59.4615
Hunter-Lab	69.4568, -49.1114, 36.7057

# Details

The HunterLab color **69.4568, -49.1114, 36.7057** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **45.0737, 60.9736, -50.5090**, and the grayscale version is **58.5685, -3.1251, 3.1821**.

A 20% lighter version of the original color is **89.1686, -51.7428, 40.9148**, and **47.7515, -40.8139, 28.4958** is the 20% darker color. If you saturate the color by 10%, you get **68.7129, -52.5439, 38.7078**, and if you desaturate by 10%, it is **70.4197, -44.7159, 33.9089**.

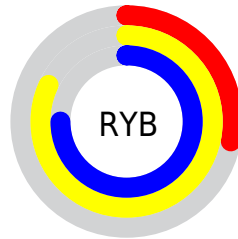
# Distribution



Red (35%)

Green (82%)

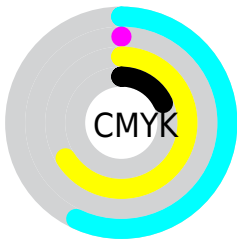
Blue (28%)



Red (28%)

Yellow (82%)

Blue (75%)

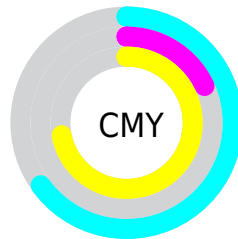


Cyan (57%)

Magenta (0%)

Yellow (66%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4568, -49.1114, 36.7057 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 69.4568, -49.1114, 36.7057 by changing the saturation by 10% instead.



■ 69.4568, -49.1114,  
36.7057

■ 69.4568, -49.1114,  
36.7057

194.8744,  
-79.5865, 66.9253

■ 58.3271, -45.1247,  
32.7446

■ 93.5780, -56.5777,  
44.1331

■ 47.8638, -40.9115,  
28.5775

■ 106.5068,  
-60.1127, 47.6475

■ 38.1138, -36.4113,  
24.1704

■ 119.9817,  
-63.5437, 51.0545

■ 29.1339, -31.5345,  
19.7830

■ 133.9813,  
-66.8860, 54.3693

■ 20.9968, -26.1458,  
14.6978

■ 148.4866,  
-70.1521, 57.6041

■ 13.8010, -22.3052,  
9.6607

163.4807,

■ 7.4242, -12.9924,

-73.3521, 60.7695

5.1970

178.9479,  
-76.4945, 63.8740

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.4568, -49.1114,  
36.7057

■ 69.4568, -49.1114,  
36.7057

■ 68.7129, -52.5439,  
38.7078

■ 70.4197, -44.7159,  
33.9089

■ 68.1714, -55.0362,  
39.9632

■ 71.6049, -39.3611,  
30.2999

■ 67.8160, -56.6549,  
40.5625


■ 73.0172, -33.0827,  
25.8894


■ 67.7068, -57.1504,  
40.7201

■ 74.6568, -25.9370,  
20.7093


■ 76.5207, -17.9957,

14.8074

 78.6037, -9.3402,  
8.2430

 80.8985, -0.0558,  
1.0811

 83.3968, 9.7727,  
-6.6108

 85.8951, 19.0570,  
-12.0422

# Harmonies

## Analogous

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



69.4583, -23.1254, 42.8946



69.4568, -49.1114, 36.7057



69.4583, -61.4628, 18.2822

# Triad

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



69.4583, -49.1125, 36.7061



69.4583, -20.1469, -103.5396



69.4583, 81.3515, 20.6552

# Complementary

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



69.4568, -49.1114, 36.7057



45.0737, 60.9736, -50.5090

# 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.



69.4583, 82.6341, -14.7317



69.4568, -49.1114, 36.7057



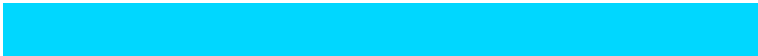
69.4583, 18.1046, -101.6338

# Square

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



69.4583, -49.1125, 36.7061



69.4583, -47.3385, -67.7725



69.4583, 57.5438, -63.4536



69.4583, 54.3455, 37.6377

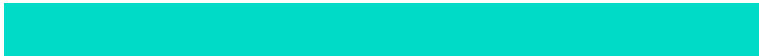


# Rectangle

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



69.4568, -49.1114, 36.7057



69.4583, -62.4898, -4.3625



69.4583, 57.5438, -63.4536



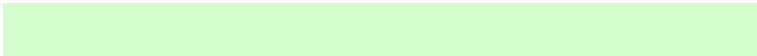
69.4583, 84.9776, 11.0438

# Sweetspot

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



69.4583, -49.1125, 36.7061



94.7017, -27.3092, 22.1113



71.5339, -10.3021, 38.8164



43.5103, -13.9293, 11.1896

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.4583, -49.1125, 36.7061



85.7252, -67.3032, 49.2696



69.5642, -47.3194, 26.2779



36.4412, -5.9790, 5.0844



53.1864, -44.7772, 31.9893



12.6754, -10.1679, 7.6325



# Inverse Universe

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



45.0737, 60.9736, -50.5090



51.3797, 89.0526, -75.9544



45.4823, 57.1837, -13.5957



34.5355, 2.3699, -1.4144



29.9449, 60.7599, -54.1243

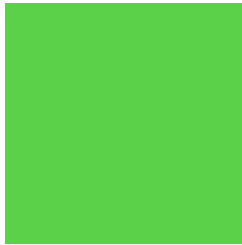


7.2373, 14.5868, -12.3215



# Previews

## White Background



This preview shows how the HunterLab color 69.4568, -49.1114, 36.7057 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 69.4568, -49.1114, 36.7057 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 69.4568, -49.1114, 36.7057 Background



This preview shows how black text looks on a background with the HunterLab color 69.4568, -49.1114, 36.7057.



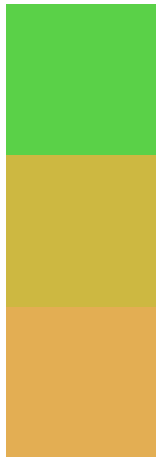
This preview shows how white text looks on a background with the HunterLab color 69.4568,

-49.1114, 36.7057.

# 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

69.4568, -49.1114, 36.7057

### Protanopia

69.0230, -8.8862, 38.0803

### Deuteranopia

68.7223, 5.3882, 35.3803



## Tritanopia

69.4090, -20.5426, -10.2335

# Trichromacy



## Original Color

69.4568, -49.1114, 36.7057



## Protanomaly

68.0763, -26.7909, 36.7163



## Deuteranomaly

67.4183, -19.1901, 34.7016



## Tritanomaly

68.9656, -33.8840, 13.3113

# Monochromacy



## Original Color

69.4568, -49.1114, 36.7057



## Achromatopsia

58.4734, -3.1200, 3.1770



## Achromatomaly

61.6142, -23.1561, 18.2398

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.4568, -49.1114, 36.7057 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(90, 209, 72)` looks like.

```
.text, #text, p{  
    color:rgb(90, 209, 72)  
}
```

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(90, 209, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 209, 72) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.4568, -49.1114, 36.7057 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(90, 209, 72) }
```



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

```
.border{ border-color:rgb(90, 209, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 209, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 209, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 209, 72);  
box-shadow:4px 4px 4px 4px rgb(90, 209,  
72) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.4568, -49.1114, 36.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 209, 72) }
```

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

```
.background{ background-color: rgb(90, 209,  
72) }
```

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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