Converting Colors

HunterLab(73.4176, -54.3344, 30.4742)

Have a look what the booklet for HunterLab(73.4176, -54.3344, 30.4742) contains.

Color

HunterLab(73.2625, -54.1582, 30.3251)

Conversions

Conversions Part 1

Format	Color
Hex	31DD76
RGB	49, 221, 118
RGB Percent	19%, 87%, 46%
CMY	0.8078, 0.1333, 0.5372
CMYK	0.78, 0.00, 0.47, 0.13
HSL	144°, 72%, 53%
HSV	144°, 78%, 87%
XYZ	30.3931, 53.6739, 25.8978
YIQ	157.8300, -69.4490, -68.4970

Conversions

Conversions Part 2

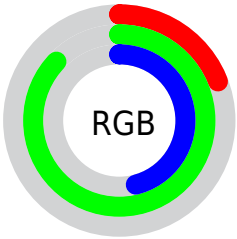
Format	Color
RYB	49, 172, 221
Decimal	3267958
CIELab	78.27, -64.43, 38.62
CIELCh	78, 75.117, 149.061
Yxy	53.6761, 0.2764, 0.4881
Android (android.graphics.Color)	4281458038 (0xFF31DD76)
YUV	157.8300, -19.6362, -95.4439
Hunter-Lab	73.2625, -54.1582, 30.3251

Details

The HunterLab color 73.2625, -54.1582, 30.3251 is a dark color, and the websafe version is hex 00CC66. The color can be described as dark muted spring green. A complement of this color would be 44.5385, 68.6868, -10.9000, and the grayscale version is 58.5035, -3.1216, 3.1786.

A 20% lighter version of the original color is 88.6770, -52.0578, 27.6355, and 51.9193, -41.7343, 25.1978 is the 20% darker color. If you saturate the color by 10%, you get 72.7749, -56.6063, 33.0151, and if you desaturate by 10%, it is 73.9619, -50.8131, 27.4045.

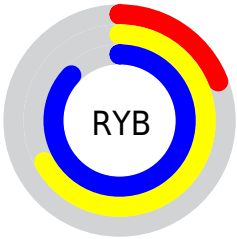
Distribution



Red (19%)

Green (87%)

Blue (46%)



Red (19%)

Yellow (67%)

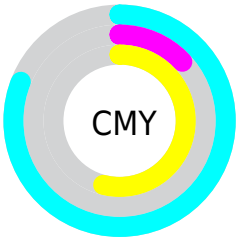
Blue (87%)

Cyan (78%)

Magenta (0%)

Yellow (47%)

Black (13%)



Cyan (81%)

Magenta (13%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.2625, -54.1582, 30.3251 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 73.2625, -54.1582, 30.3251 by changing the saturation by 10% instead.

73.2625, -54.1582, 30.3251

73.2625, -54.1582, 30.3251

200.2183, -86.8326, 52.5360

61.9216, -49.8796, 27.5242

97.7745, -62.1741, 35.6397

51.2336, -45.3632, 24.5958

110.8857, -65.9687, 38.1861

41.2431, -40.5487, 21.5077

124.5356, -69.6503, 40.6752

32.0024, -35.3492, 18.2171

138.7038, -73.2347, 43.1165

23.5784, -29.6369, 14.7247

153.3719, -76.7353, 45.5174

16.0595, -24.2154, 11.2416

168.5234,

9.5716, -16.7503,

-80.1627, 47.8843

184.1435, -83.5259, 50.2224

6.7001

0.0000, NaN, NaN

0.0000, NaN, NaN

73.2625, -54.1582, 30.3251

72.7749, -56.6063, 33.0151

72.4642, -58.2614, 35.4348

72.4089, -58.5628, 35.9155

73.2625, -54.1582, 30.3251

73.9619, -50.8131, 27.4045

74.8872, -46.5244, 24.2904

76.0520, -41.2869, 21.0248

77.4633, -35.1257, 17.6508

79.1238, -28.0912,

14.2111

81.0322, -20.2519, 10.7463

83.1843, -11.6887, 7.2934

85.5732, -2.4881, 3.8844

88.1905, 7.2625, 0.5459

Harmonies

Analogous

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

73.2640, -34.4801, 41.2699

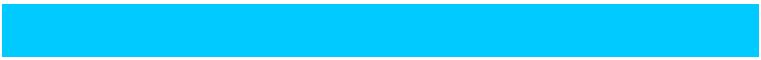
73.2625, -54.1582, 30.3251

73.2640, -60.8826, 5.0547

Triad

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

73.2640, -54.1590, 30.3256



73.2640, -5.0396, -96.5413

73.2640, 66.6027, 29.2248

Complementary

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

73.2625, -54.1582, 30.3251

44.5385, 68.6868, -10.9000

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.

73.2640, 78.5355, 2.9050

73.2625, -54.1582, 30.3251

73.2640, 32.6670, -79.6038

Square

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

73.2640, -54.1590, 30.3256

73.2640, -36.0921, -77.4966

73.2640, 65.0821, -38.3706

73.2640, 35.0025, 40.8832

Rectangle

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

73.2625, -54.1582, 30.3251

73.2640, -58.3461, -20.8214

73.2640, 65.0821, -38.3706

73.2640, 73.2878, 22.3333

Sweetspot

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

73.2640, -54.1590, 30.3256

94.0551, -28.8674, 14.8215

76.5714, -42.1548, 44.1947

43.1467, -14.8757, 7.5434

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

73.2640, -54.1590, 30.3256

85.3458, -67.8154, 40.5523

75.3115, -41.7296, 0.7993

38.3306, -6.0652, 3.6303

55.2064, -44.5157, 27.0934

14.1111, -10.9608, 6.0237

Inverse Universe

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

44.5385, 68.6868, -10.9000

49.2149, 87.1956, -8.1390

42.3857, 60.1995, 19.9178

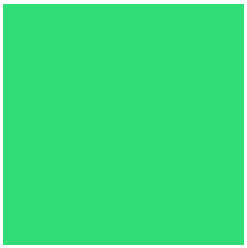
36.3067, 2.2537, 0.4760

31.5057, 57.1164, -4.1522

8.1236, 14.9139, -2.5184

Previews

White Background

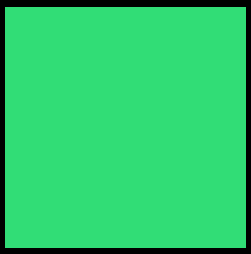


This preview shows how the HunterLab color 73.2625, -54.1582, 30.3251 looks on a white background.

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 73.2625, -54.1582, 30.3251 looks on a black background.

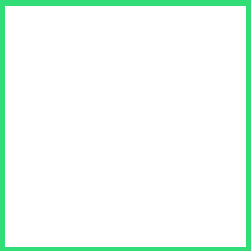
Color Contrast Check

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 73.2625, -54.1582, 30.3251 Background

This preview shows how black text looks on a background with the HunterLab color 73.2625, -54.1582, 30.3251.



This preview shows how white text looks on a background with the HunterLab color 73.2625,

-54.1582, 30.3251.

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
73.2625, -54.1582, 30.3251

Protanopia
72.5325, -7.9014, 33.1856

Deuteranopia
72.2650, 5.4319, 28.1508

Tritanopia
73.1243, -27.5329, -13.7623

Trichromacy

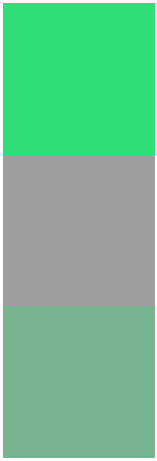
Original Color
73.2625, -54.1582, 30.3251

Protanomaly
71.0880, -31.0608, 30.7173

Deuteranomaly
70.1999, -23.9012, 26.7331

Tritanomaly
72.6609, -38.9498, 5.7291

Monochromacy



Original Color
73.2625, -54.1582, 30.3251

Achromatopsia
58.4734, -3.1200, 3.1770

Achromatomaly
62.3558, -26.2417, 13.2550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.2625, -54.1582, 30.3251 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(49, 221, 118) looks like.

```
.text, #text, p{
    color:rgb(49, 221, 118)
}
```

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(49, 221, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 221, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 73.2625, -54.1582, 30.3251 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(49, 221, 118) }
```

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

```
.border{ border-color:rgb(49, 221, 118) }
```

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

Here you see how a box with a 4 pixel rgb(49, 221, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 221, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 221, 118); box-shadow:4px 4px 4px 4px rgb(49, 221, 118) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.2625, -54.1582, 30.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(49, 221, 118) }
```

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

```
.background{ background-color:rgb(49, 221,
118) }
```

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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