Converting Colors

HunterLab(75.0012, -61.5701, 43.0566)

Have a look what the booklet for HunterLab(75.0012, -61.5701, 43.0566) contains.

Color

HunterLab(74.9651, -61.5824, 43.0707)

Conversions

Conversions Part 1

Format	Color
Hex	2BE42E
RGB	43, 228, 46
RGB Percent	17%, 89%, 18%
CMY	0.8314, 0.1059, 0.8196
CMYK	0.81, 0.00, 0.80, 0.11
HSL	121°, 77%, 53%
HSV	121°, 81%, 89%
XYZ	29.2328, 56.1977, 11.8913
YIQ	151.9370, -51.8380, -95.8220

Conversions

Conversions Part 2

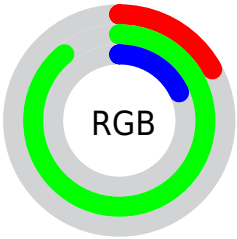
Format	Color
RYB	43, 225, 228
Decimal	2876462
CIELab	79.73, -75.11, 69.45
CIELCh	80, 102.293, 137.243
Yxy	56.2000, 0.3004, 0.5774
Android (android.graphics.Color)	4281066542 (0xFF2BE42E)
YUV	151.9370, -52.2269, -95.5377
Hunter-Lab	74.9651, -61.5824, 43.0707

Details

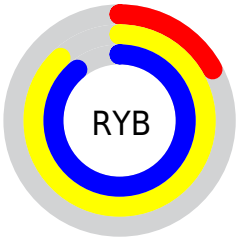
The HunterLab color 74.9651, -61.5824, 43.0707 is a dark color, and the websafe version is hex 00CC00. The color can be described as dark washed green. A complement of this color would be 48.6400, 85.3438, -55.3618, and the grayscale version is 56.2306, -3.0003, 3.0551.

A 20% lighter version of the original color is 87.6313, -58.4695, 43.5632, and 53.9683, -46.2779, 32.4449 is the 20% darker color. If you saturate the color by 10%, you get 74.6352, -63.1731, 44.2155, and if you desaturate by 10%, it is 75.5402, -58.8607, 41.1693.

Distribution

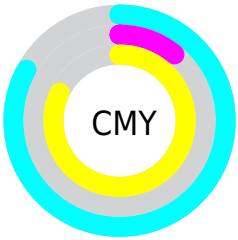


- Red (17%)
- Green (89%)
- Blue (18%)



- Red (17%)
- Yellow (88%)
- Blue (89%)

- Cyan (81%)
- Magenta (0%)
- Yellow (80%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9651, -61.5824, 43.0707 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 74.9651, -61.5824, 43.0707 by changing the saturation by 10% instead.

74.9651, -61.5824, 43.0707

74.9651, -61.5824, 43.0707

202.5944, -98.7719, 78.9992

63.5321, -56.6659, 38.3608

99.6478, -70.7675, 51.9270

52.7465, -51.4679, 33.4295

112.8388, -75.1024, 56.1187

42.6514, -45.9206, 28.2577

126.5654, -79.2994, 60.1791

33.2979, -39.9286, 23.3086

140.8074, -83.3774, 64.1242

24.7502, -33.3567, 17.3252

155.5468, -87.3519, 67.9678

17.0930, -27.3827, 11.9651

170.7674,

10.4450, -18.2788,

-91.2356, 71.7217

186.4544, -95.0393, 75.3959

74.9651, -61.5824, 43.0707

74.6352, -63.1731, 44.2155

74.4964, -63.8418, 44.7020

7.3115

0.0000, NaN, NaN

0.0000, NaN, NaN

74.9651, -61.5824, 43.0707

75.5402, -58.8607, 41.1693

76.3848, -54.9006, 38.4474

77.5201, -49.6611, 34.8819

78.9581, -43.1532, 30.4838

80.7041, -35.4318,

25.2924

82.7575, -26.5856, 19.3688

85.1132, -16.7259, 12.7883

87.7623, -5.9765, 5.6342

90.6932, 5.5360, -2.0093

Harmonies

Analogous

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

74.9667, -30.0345, 49.1878

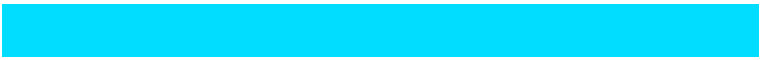
74.9651, -61.5824, 43.0707

74.9667, -75.7534, 21.3548

Triad

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

74.9667, -61.5834, 43.0710



74.9667, -23.7686, -147.4235

74.9667, 109.4164, 26.1544

Complementary

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

74.9651, -61.5824, 43.0707

48.6400, 85.3438, -55.3618

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.

74.9667, 112.3603, -18.6319

74.9651, -61.5824, 43.0707

74.9667, 26.1478, -142.7660

Square

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

74.9667, -61.5834, 43.0710

74.9667, -58.0205, -96.6176

74.9667, 78.8608, -86.3171

74.9667, 71.6287, 44.6454

Rectangle

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

74.9651, -61.5824, 43.0707

74.9667, -76.6567, -8.1749

74.9667, 78.8608, -86.3171

74.9667, 114.8047, 14.5629

Sweetspot

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

74.9667, -61.5834, 43.0710

93.2168, -33.3305, 24.0946

84.9459, -22.2037, 50.3593

42.7385, -17.0908, 12.2659

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

74.9667, -61.5834, 43.0710

84.6139, -72.2978, 50.6366

76.0040, -55.1535, 27.8418

40.1160, -7.0241, 5.4511

56.6096, -48.5026, 33.9462

15.3931, -13.1574, 9.1631

Inverse Universe

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

48.6400, 85.3438, -55.3618

53.2820, 103.5150, -66.8933

44.7056, 70.5714, -1.8631

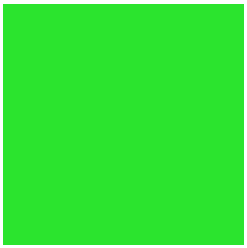
38.2243, 3.0820, -1.3470

35.5569, 69.6629, -45.0129

9.6725, 18.9605, -12.3237

Previews

White Background

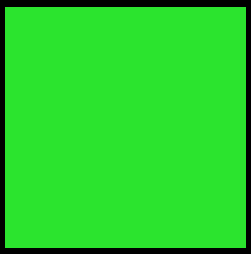


This preview shows how the HunterLab color 74.9651, -61.5824, 43.0707 looks on a white background.

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



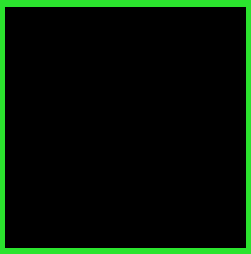
This preview shows how the HunterLab color 74.9651, -61.5824, 43.0707 looks on a black background.

Color Contrast Check

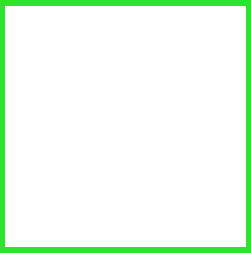
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 74.9651, -61.5824, 43.0707 Background



This preview shows how black text looks on a background with the HunterLab color 74.9651, -61.5824, 43.0707.



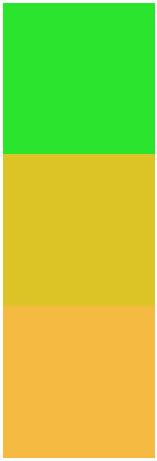
This preview shows how white text looks on a background with the HunterLab color 74.9651,

-61.5824, 43.0707.

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
74.9651, -61.5824, 43.0707

Protanopia
74.0510, -10.0163, 43.9863

Deuteranopia
74.1105, 5.6644, 41.6422

Tritanopia
74.5821, -26.8732, -14.0265

Trichromacy

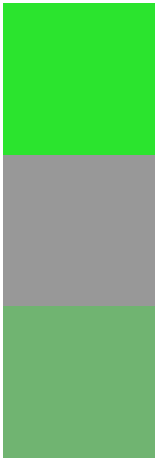
Original Color
74.9651, -61.5824, 43.0707

Protanomaly
72.3462, -36.1388, 42.2275

Deuteranomaly
71.3160, -27.9658, 40.0151

Tritanomaly
73.8488, -44.4542, 16.9078

Monochromacy



Original Color
74.9651, -61.5824, 43.0707

Achromatopsia
56.0347, -2.9899, 3.0445

Achromatomaly
61.0570, -30.8855, 21.9116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.9651, -61.5824, 43.0707 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(43, 228, 46) looks like.

```
.text, #text, p{
    color:rgb(43, 228, 46)
}
```

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(43, 228, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 228, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 74.9651, -61.5824, 43.0707 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(43, 228, 46) }
```

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

```
.border{ border-color:rgb(43, 228, 46) }
```

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

Here you see how a box with a 4 pixel rgb(43, 228, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 228, 46); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 228, 46); box-shadow:4px 4px 4px 4px rgb(43, 228, 46) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.9651, -61.5824, 43.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(43, 228, 46) }
```

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

```
.background{ background-color:rgb(43, 228,
46) }
```

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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