

Converting Colors

HunterLab(70.0263, -46.5123,
43.5912)

Have a look what the booklet for
HunterLab(70.0263, -46.5123,
43.5912) contains.

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Color

**HunterLab(69.9738,
-45.8564, 42.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	76D000
RGB	118, 208, 0
RGB Percent	46%, 82%, 0%
CMY	0.5373, 0.1843, 0.9999
CMYK	0.43, 0.00, 1.00, 0.18
HSL	86°, 100%, 41%
HSV	86°, 100%, 82%
XYZ	30.0271, 48.9633, 7.8683
YIQ	157.3780, 13.1280, -83.7680

Conversions

Conversions Part 2

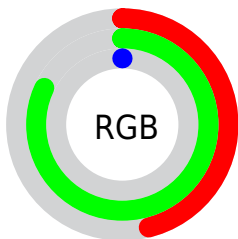
Format	Color
RYB	0, 208, 90
Decimal	7786496
CIELab	75.43, -53.55, 74.33
CIELCh	75, 91.613, 125.773
Yxy	48.9654, 0.3457, 0.5637
Android (android.graphics.Color)	4285976576 (0xFF76D000)
YUV	157.3780, -77.5874, -34.5345
Hunter-Lab	69.9738, -45.8564, 42.3147

Details

The HunterLab color $69.9738, -45.8564, 42.3147$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $25.9424, 61.9763, -119.3187$, and the grayscale version is $58.5246, -3.1227, 3.1798$.

A 20% lighter version of the original color is $90.2727, -48.3282, 49.4047$, and $48.5744, -37.3551, 29.2773$ is the 20% darker color. If you saturate the color by 10%, you get $69.9747, -45.8604, 42.3152$, and if you desaturate by 10%, it is $70.4837, -43.7164, 42.0766$.

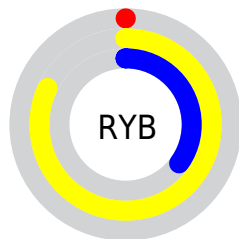
Distribution



Red (46%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (35%)

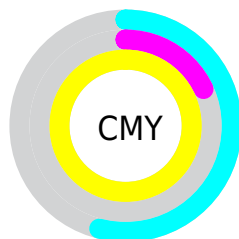


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (54%)


Magenta (18%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.9738, -45.8564, 42.3147 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 69.9738, -45.8564, 42.3147 by changing the saturation by 10% instead.


 69.9738, -45.8564,
42.3147


 69.9738, -45.8564,
42.3147


195.6032,
-74.0642, 80.9675


 58.8150, -42.2027,
37.2139


 94.1489, -52.7240,
51.8962

 48.3206, -38.3508,
31.8805


 107.1029,
-55.9857, 56.4210

 38.5374, -34.2476,
26.5461


 120.6018,
-59.1576, 60.7960

 29.5213, -29.8133,
20.6649

 134.6246,
-62.2532, 65.0391

 21.3443, -24.9263,
14.9410

 149.1524,
-65.2834, 69.1654

 14.1035, -20.6791,
9.8724

 164.1681,

 7.7532, -13.5680,

-68.2573, 73.1882

5.4272

179.6564,
-71.1821, 77.1189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.9738, -45.8564,
42.3147

■ 69.9738, -45.8564,
42.3147

■ 69.9747, -45.8604,
42.3152

■ 70.4837, -43.7164,
42.0766

■ 71.0724, -41.1900,
41.2751

■ 71.7541, -38.2129,
39.7287

■ 72.5345, -34.7633,
37.3597

■ 73.4175, -30.8325,

34.1170

■ 74.4056, -26.4212,
29.9709

■ 75.5002, -21.5381,
24.9088

■ 76.7018, -16.1981,
18.9328

■ 78.0100, -10.4208,
12.0568

Harmonies

Analogous

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



69.9753, -11.8726, 45.5930



69.9738, -45.8564, 42.3147



69.9753, -64.3650, 29.0332

Triad

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



69.9753, -45.8578, 42.3150



69.9753, -34.5741, -112.8035



69.9753, 99.1575, 11.2774

Complementary

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



69.9738, -45.8564, 42.3147



25.9424, 61.9763, -119.3187

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.



69.9753, 88.9017, -36.8302



69.9738, -45.8564, 42.3147



69.9753, 4.7872, -128.5931

Square

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



69.9753, -45.8578, 42.3150



69.9753, -59.0384, -59.6455



69.9753, 51.5374, -94.9578



69.9753, 76.9025, 35.9798

Rectangle

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



69.9738, -45.8564, 42.3147



69.9753, -68.6435, 9.3688



69.9753, 51.5374, -94.9578



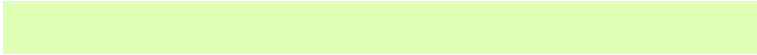
69.9753, 99.4529, -2.2482

Sweetspot

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



69.9753, -45.8578, 42.3150



95.0091, -27.3539, 31.6163



44.9176, 38.2141, 28.3460



43.6769, -13.8975, 15.9420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.9753, -45.8578, 42.3150



88.0384, -58.0138, 53.2332



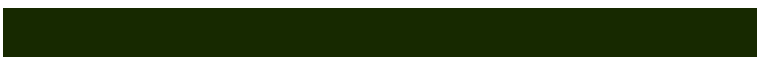
67.2580, -57.2054, 40.4419



36.7864, -4.7464, 5.4806



55.2939, -35.9901, 33.4417



13.2512, -7.7970, 8.0288

Inverse Universe

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



25.9424, 61.9763, -119.3187



32.4927, 77.8645, -151.2472



39.4827, 79.1462, -63.9010



34.1530, 1.0789, -1.9273



20.6115, 49.0681, -93.4264



5.3293, 12.1044, -19.6399

Previews

White Background



This preview shows how the HunterLab color 69.9738, -45.8564, 42.3147 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 69.9738, -45.8564, 42.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

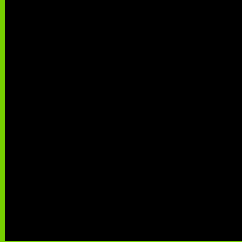
Any Text WCAG AA ✓ Pass

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 69.9738, -45.8564, 42.3147 Background



This preview shows how black text looks on a background with the HunterLab color 69.9738, -45.8564, 42.3147.



This preview shows how white text looks on a background with the HunterLab color 69.9738, -45.8564, 42.3147.

-45.8564, 42.3147.

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

69.9738, -45.8564, 42.3147

Protanopia

69.3598, -9.7875, 42.5678

Deuteranopia

69.3907, 5.5192, 40.9832



Tritanopia

69.7015, -14.6590, -8.6181

Trichromacy



Original Color

69.9738, -45.8564, 42.3147

Protanomaly

68.7415, -24.8715, 41.9228

Deuteranomaly

68.3346, -16.5258, 40.9185

Tritanomaly

68.6658, -31.1067, 22.6066

Monochromacy



Original Color

69.9738, -45.8564, 42.3147

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

61.4902, -22.9787, 25.8625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9738, -45.8564, 42.3147 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(118, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 208, 0)  
}
```

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(118, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 208, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9738, -45.8564, 42.3147 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(118, 208, 0) }
```


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

```
.border{ border-color:rgb(118, 208, 0) }
```

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

Here you see how a box with a 4 pixel rgb(118, 208, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 208,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9738, -45.8564, 42.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 208, 0) }
```

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

```
.background{ background-color: rgb(118,  
208, 0) }
```

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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