

Converting Colors

HunterLab(76.0946, -30.0816,
27.8963)

Have a look what the booklet for
HunterLab(76.0946, -30.0816,
27.8963) contains.

HunterLab(76.0209, -30.0240, 27.8599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.0209,
-30.0240, 27.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D689
RGB	164, 214, 137
RGB Percent	64%, 84%, 54%
CMY	0.3569, 0.1608, 0.4627
CMYK	0.23, 0.00, 0.36, 0.16
HSL	99°, 48%, 69%
HSV	99°, 36%, 84%
XYZ	43.8718, 57.7918, 32.5095
YIQ	190.2720, -5.0830, -34.5470

Conversions

Conversions Part 2

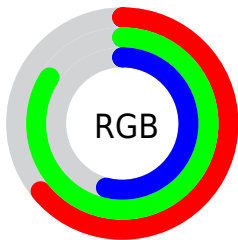
Format	Color
RYB	137, 214, 187
Decimal	10802825
CIELab	80.62, -30.07, 32.92
CIELCh	81, 44.582, 132.408
Yxy	57.7943, 0.3270, 0.4307
Android (android.graphics.Color)	4288992905 (0xFFA4D689)
YUV	190.2720, -26.2631, -23.0405
Hunter-Lab	76.0209, -30.0240, 27.8599

Details

The HunterLab color **76.0209, -30.0240, 27.8599** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57.7172, 27.5853, -29.3071**, and the grayscale version is **71.9828, -3.8408, 3.9110**.

A 20% lighter version of the original color is **95.1300, -26.3511, 27.4371**, and **53.6499, -25.6539, 22.8801** is the 20% darker color. If you saturate the color by 10%, you get **74.7269, -35.7645, 32.4067**, and if you desaturate by 10%, it is **77.4796, -23.6446, 22.4358**.

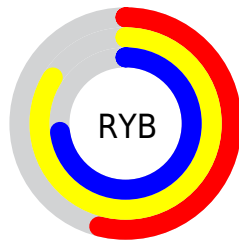
Distribution



Red (64%)

Green (84%)

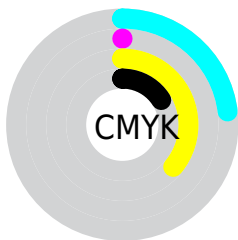
Blue (54%)



Red (54%)

Yellow (84%)

Blue (73%)

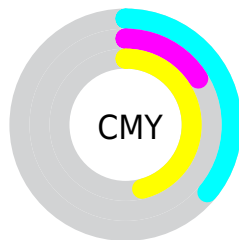


Cyan (23%)

Magenta (0%)

Yellow (36%)

Black (16%)



Cyan (36%)


Magenta (16%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.0209, -30.0240, 27.8599 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 76.0209, -30.0240, 27.8599 by changing the saturation by 10% instead.


 76.0209, -30.0240,
27.8599


 76.0209, -30.0240,
27.8599


204.0634,
-48.2869, 47.5440


 64.5316, -27.8224,
25.4333


 100.8083,
-34.2736, 32.5021

 53.6862, -25.5466,
22.9103


 114.0482,
-36.3392, 34.7426

 43.5273, -23.1761,
20.2653


 127.8218,
-38.3757, 36.9425

 34.1049, -20.6791,
17.4621

142.1091,
-40.3889, 39.1090

 25.4819, -18.0065,
14.4501

156.8923,
-42.3832, 41.2480

 17.7405, -15.0775,
11.8012

172.1553,

 10.9959, -13.0100,

-44.3623, 43.3642

7.6971

187.8835,
-46.3294, 45.4618

■ 2.6289, -4.6006,
1.8402

0.0000, NaN, NaN

■ 76.0209, -30.0240,
27.8599

■ 76.0209, -30.0240,
27.8599

■ 74.7269, -35.7645,
32.4067

■ 77.4796, -23.6446,
22.4358

■ 73.5927, -40.8282,
36.0629

■ 79.0964, -16.6627,
16.1585

■ 72.6182, -45.1949,
38.8376

■ 80.8702, -9.1271,
9.0673

■ 71.7998, -48.8577,
40.7627

■ 82.7970, -1.0879,
1.2087

■ 71.1310, -51.8277,
41.8995

■ 84.8722, 7.4035,
-7.3650

■ 70.6023, -54.1396,
42.3496

■ 86.6945, 14.2173,
-11.0322

■ 70.4221, -54.9229,
42.4322

■ 87.5074, 16.8566,
-9.8840

Harmonies

Analogous

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



76.0225, -12.7569, 33.4377



76.0209, -30.0240, 27.8599



76.0225, -39.6510, 15.1095

Triad

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



76.0225, -30.0257, 27.8606



76.0225, -16.1785, -43.8158



76.0225, 40.7678, 12.1266

Complementary

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



76.0209, -30.0240, 27.8599



57.7172, 27.5853, -29.3071

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.



76.0225, 39.5874, -8.7597



76.0209, -30.0240, 27.8599



76.0225, 5.0454, -45.2762

Square

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



76.0225, -30.0257, 27.8606



76.0225, -32.2895, -27.5181



76.0225, 25.9378, -31.0813



76.0225, 29.0030, 26.2031

Rectangle

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



76.0209, -30.0240, 27.8599



76.0225, -41.1751, 2.4642



76.0225, 25.9378, -31.0813



76.0225, 41.9059, 5.7748

Sweetspot

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



76.0225, -30.0257, 27.8606



97.4837, -15.9230, 15.6122



71.5012, -0.9056, 24.4172



44.9644, -7.9457, 7.7659

0.0000, NaN, NaN



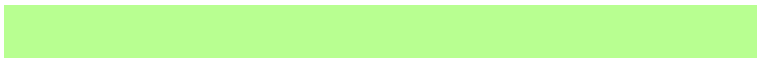
46.2646, -2.4686, 2.5136

Same Dimension

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



76.0225, -30.0257, 27.8606



91.5097, -41.9036, 38.2062



74.5178, -35.4233, 23.2463



37.5574, -5.5130, 5.4273



54.7967, -42.4968, 33.0215



13.6255, -9.7366, 8.2255

Inverse Universe

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



57.7172, 27.5853, -29.3071



65.0089, 41.9534, -45.4924



60.4449, 34.6313, -18.0214



35.2204, 1.7703, -1.7288



25.1210, 54.7018, -74.3193



6.5269, 13.8893, -16.8035

Previews

White Background



This preview shows how the HunterLab color 76.0209, -30.0240, 27.8599 looks on a white background.

Color Contrast Check

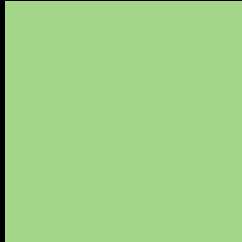
Large Text (above 18pt) WCAG AA × Fail

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 76.0209, -30.0240, 27.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

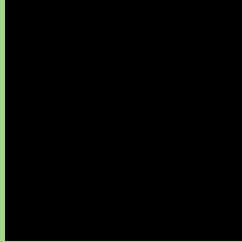
Any Text WCAG AA ✓ Pass

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 76.0209, -30.0240, 27.8599 Background



This preview shows how black text looks on a background with the HunterLab color 76.0209, -30.0240, 27.8599.



This preview shows how white text looks on a background with the HunterLab color 76.0209,

-30.0240, 27.8599.

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
Protanopia
Deuteranopia

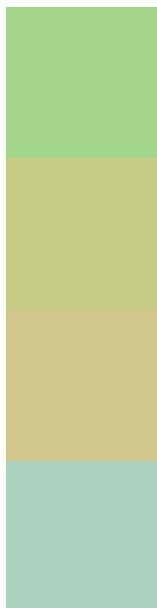
76.0209, -30.0240, 27.8599
75.6553, -7.0299, 29.6675
75.6433, 5.5246, 26.6491



Tritanopia

75.9606, -9.2261, -6.2052

Trichromacy



Original Color

76.0209, -30.0240, 27.8599

Protanomaly

75.4221, -15.7487, 28.7551

Deuteranomaly

75.1278, -8.5530, 26.5632

Tritanomaly

75.8947, -17.8919, 8.3958

Monochromacy



Original Color

76.0209, -30.0240, 27.8599

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

73.2195, -13.9679, 13.6746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0209, -30.0240, 27.8599 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(164, 214, 137)` looks like.

```
.text, #text, p{  
    color:rgb(164, 214, 137)  
}
```

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(164, 214, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 214, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0209, -30.0240, 27.8599 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(164, 214, 137) }
```


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

```
.border{ border-color:rgb(164, 214, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 214, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 214, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 214, 137);  
box-shadow:4px 4px 4px 4px rgb(164, 214,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0209, -30.0240, 27.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 214, 137) }
```

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

```
.background{ background-color: rgb(164,  
214, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor