

Converting Colors

HunterLab(76.7685, -27.6702,
30.0820)

Have a look what the booklet for
HunterLab(76.7685, -27.6702,
30.0820) contains.

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Color

**HunterLab(76.7288,
-27.5165, 29.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD684
RGB	175, 214, 132
RGB Percent	69%, 84%, 52%
CMY	0.3137, 0.1608, 0.4823
CMYK	0.18, 0.00, 0.38, 0.16
HSL	89°, 50%, 68%
HSV	89°, 38%, 84%
XYZ	45.8907, 58.8731, 30.7748
YIQ	192.9910, 3.0780, -33.7700

Conversions

Conversions Part 2

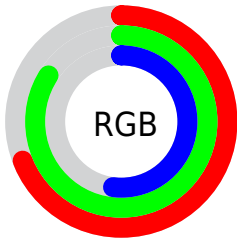
Format	Color
RYB	132, 214, 171
Decimal	11523716
CIELab	81.22, -26.81, 36.37
CIElCh	81, 45.184, 126.394
Yxy	58.8757, 0.3386, 0.4344
Android (android.graphics.Color)	4289713796 (0xFFAFD684)
YUV	192.9910, -30.0686, -15.7781
Hunter-Lab	76.7288, -27.5165, 29.9298

Details

The HunterLab color $76.7288, -27.5165, 29.9298$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $54.7880, 25.2735, -34.6470$, and the grayscale version is $73.1457, -3.9029, 3.9741$.

A 20% lighter version of the original color is $96.0318, -23.2551, 30.0863$, and $54.2727, -23.3819, 24.5290$ is the 20% darker color. If you saturate the color by 10%, you get $75.6404, -32.3720, 34.3443$, and if you desaturate by 10%, it is $77.9394, -22.1525, 24.5793$.

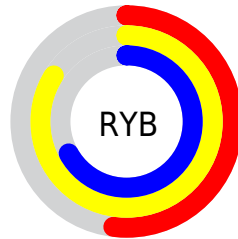
Distribution



Red (69%)

Green (84%)

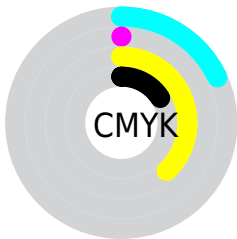
Blue (52%)



Red (52%)

Yellow (84%)

Blue (67%)

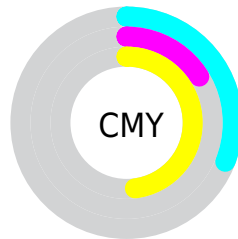


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7288, -27.5165, 29.9298 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 76.7288, -27.5165, 29.9298 by changing the saturation by 10% instead.

■ 76.7288, -27.5165,
29.9298

■ 76.7288, -27.5165,
29.9298

205.0466,
-44.4834, 51.0541

■ 65.2020, -25.4997,
27.2990

■ 101.5859,
-31.4300, 34.9459

■ 54.3169, -23.4226,
24.5581

■ 114.8583,
-33.3405, 37.3590

■ 44.1156, -21.2684,
21.6794

■ 128.6632,
-35.2292, 39.7234

■ 34.6474, -19.0103,
18.6244

142.9807,
-37.1009, 42.0473

■ 25.9744, -16.6071,
15.3421

157.7931,
-38.9594, 44.3373

■ 18.1775, -13.9909,
12.6740

173.0844,

■ 11.3690, -11.6297,

-40.8076, 46.5989

7.9583

188.8400,
-42.6482, 48.8365

■ 3.6799, -6.4398,
2.5759

0.0000, NaN, NaN

■ 76.7288, -27.5165,
29.9298

■ 76.7288, -27.5165,
29.9298

■ 75.6404, -32.3720,
34.3443

■ 77.9394, -22.1525,
24.5793

■ 74.6683, -36.6998,
37.8278

■ 79.2673, -16.2948,
18.2985

■ 73.8117, -40.4962,
40.4061

■ 80.7132, -9.9707,
11.1081

■ 73.0669, -43.7663,
42.1261

■ 82.2756, -3.2089,
3.0381

■ 72.4284, -46.5287,
43.0626

■ 83.9523, 3.9592,
-5.8744

■ 71.8860, -48.8312,
43.3557

■ 85.5345, 10.4095,
-12.6912

■ 71.8014, -49.1896,
43.3825

■ 86.5763, 13.8311,
-11.2001

■ 87.5075, 16.8564,
-9.8839

Harmonies

Analogous

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



76.7305, -8.7313, 34.2730



76.7288, -27.5165, 29.9298



76.7305, -38.9967, 18.5483

Triad

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



76.7305, -27.5183, 29.9305



76.7305, -20.2432, -42.3407



76.7305, 42.3927, 8.5047

Complementary

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



76.7288, -27.5165, 29.9298



54.7880, 25.2735, -34.6470

Split Complementary

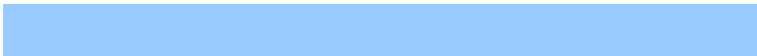
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7305, 38.4245, -13.6580



76.7288, -27.5165, 29.9298



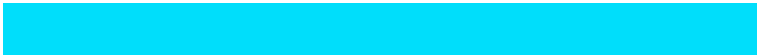
76.7305, 0.6474, -47.2469

Square

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



76.7305, -27.5183, 29.9305



76.7305, -35.1373, -23.5941



76.7305, 22.5185, -35.5700



76.7305, 32.8246, 24.3451

Rectangle

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



76.7288, -27.5165, 29.9298



76.7305, -41.7636, 6.6538



76.7305, 22.5185, -35.5700



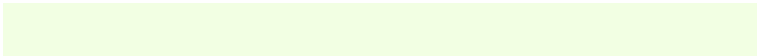
76.7305, 42.6116, 1.6140

Sweetspot

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



76.7305, -27.5183, 29.9305



97.9184, -14.3670, 16.1034



66.9431, 6.3685, 22.0266



45.1884, -7.1408, 8.0163

0.0000, NaN, NaN



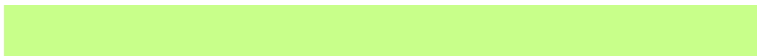
46.2646, -2.4686, 2.5136

Same Dimension

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



76.7305, -27.5183, 29.9305



92.4752, -38.4239, 40.9668



74.0882, -37.7109, 27.5224



37.7003, -5.0037, 5.5910



55.8767, -38.0121, 33.7655



13.9007, -8.6106, 8.4148

Inverse Universe

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



54.7880, 25.2735, -34.6470



60.5917, 38.9465, -54.5572



59.3696, 38.4100, -26.2806



35.0649, 1.2446, -1.9378



21.6694, 50.6515, -90.9730



5.7646, 12.9424, -20.0760

Previews

White Background



This preview shows how the HunterLab color 76.7288, -27.5165, 29.9298 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 76.7288, -27.5165, 29.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

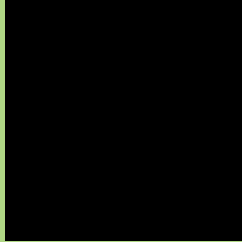
Any Text WCAG AA ✓ Pass

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 76.7288, -27.5165, 29.9298 Background



This preview shows how black text looks on a background with the HunterLab color 76.7288, -27.5165, 29.9298.



This preview shows how white text looks on a background with the HunterLab color 76.7288,

-27.5165, 29.9298.

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

76.7288, -27.5165, 29.9298

Protanopia

76.3974, -7.6879, 31.3586

Deuteranopia

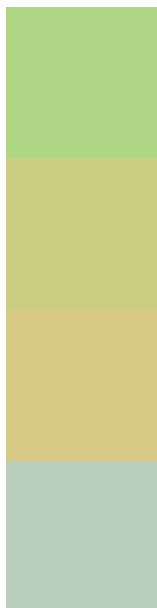
76.5812, 5.5103, 28.9623



Tritanopia

76.5314, -5.6184, -5.3961

Trichromacy



Original Color

76.7288, -27.5165, 29.9298

Protanomaly

76.4357, -15.4507, 30.7187

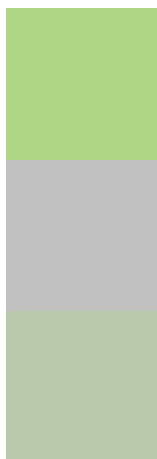
Deuteranomaly

76.3376, -7.6148, 29.1027

Tritanomaly

76.3700, -14.6357, 9.8662

Monochromacy



Original Color

76.7288, -27.5165, 29.9298

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

74.2648, -13.4220, 14.7674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7288, -27.5165, 29.9298 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(175, 214, 132)` looks like.

```
.text, #text, p{  
    color:rgb(175, 214, 132)  
}
```

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(175, 214, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 214, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7288, -27.5165, 29.9298 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(175, 214, 132) }
```


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

```
.border{ border-color:rgb(175, 214, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 214, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 214, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 214, 132);  
box-shadow:4px 4px 4px 4px rgb(175, 214,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7288, -27.5165, 29.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 214, 132) }
```

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

```
.background{ background-color: rgb(175,  
214, 132) }
```

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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