

Converting Colors

HunterLab(76.5853, -34.6195,
12.9431)

Have a look what the booklet for
HunterLab(76.5853, -34.6195,
12.9431) contains.

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Color

**HunterLab(76.5940,
-34.4695, 12.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	81DBB5
RGB	129, 219, 181
RGB Percent	51%, 86%, 71%
CMY	0.4941, 0.1412, 0.2902
CMYK	0.41, 0.00, 0.17, 0.14
HSL	155°, 56%, 68%
HSV	155°, 41%, 86%
XYZ	42.7253, 58.6664, 52.7880
YIQ	187.7580, -41.4420, -30.8980

Conversions

Conversions Part 2

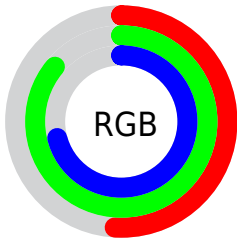
Format	Color
RYB	129, 186, 219
Decimal	8510389
CIELab	81.11, -35.55, 10.31
CIElCh	81, 37.017, 163.825
Yxy	58.6688, 0.2771, 0.3805
Android (android.graphics.Color)	4286700469 (0xFF81DBB5)
YUV	187.7580, -3.3317, -51.5308
Hunter-Lab	76.5940, -34.4695, 12.7536

Details

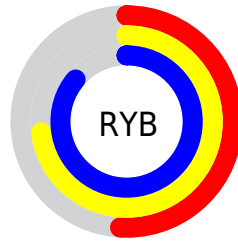
The HunterLab color $76.5940, -34.4695, 12.7536$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $57.9241, 34.3494, -1.1297$, and the grayscale version is $70.8401, -3.7799, 3.8489$.

A 20% lighter version of the original color is $93.7810, -28.8752, 6.6281$, and $54.0451, -29.1257, 10.3885$ is the 20% darker color. If you saturate the color by 10%, you get $75.3435, -39.8545, 15.1121$, and if you desaturate by 10%, it is $78.0793, -28.2792, 10.5164$.

Distribution



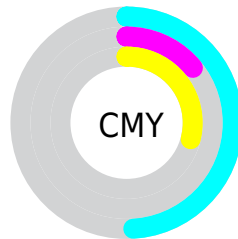
- Red (51%)
- Green (86%)
- Blue (71%)



- Red (51%)
- Yellow (73%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5940, -34.4695, 12.7536 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 76.5940, -34.4695, 12.7536 by changing the saturation by 10% instead.

■ 76.5940, -34.4695,
12.7536

■ 76.5940, -34.4695,
12.7536

204.8593,
-54.9081, 23.4320

■ 65.0742, -31.9610,
11.6148

■ 101.4377,
-39.2795, 15.0510

■ 54.1966, -29.3572,
10.4762

■ 114.7040,
-41.6046, 16.2123

■ 44.0034, -26.6321,
9.3335

■ 128.5029,
-43.8892, 17.3842

■ 34.5440, -23.7471,
8.1786

142.8147,
-46.1403, 18.5679

■ 25.8804, -20.6428,
6.9985

157.6215,
-48.3635, 19.7640

■ 18.0940, -17.2231,
5.7714

172.9074,

■ 11.2976, -15.0141,

-50.5634, 20.9731

4.6642

188.6578,
-52.7438, 22.1957

■ 3.5042, -6.1324,
2.4529

0.0000, NaN, NaN

■ 76.5940, -34.4695,
12.7536

■ 76.5940, -34.4695,
12.7536

■ 75.3435, -39.8545,
15.1121

■ 78.0793, -28.2792,
10.5164

■ 74.3187, -44.3992,
17.5584


■ 79.7958, -21.3314,
8.4239


■ 73.5122, -48.0965,
20.0584


■ 81.7427, -13.6912,
6.4976


■ 72.9102, -50.9681,
22.5739


■ 83.9153, -5.4307,
4.7527


 72.4924, -53.0712,
25.0638


 86.3070, 3.3747,
3.1988

 72.2394, -54.4330,
27.2122

 88.3230, 10.7184,
1.0923

 88.6355, 12.3731,
-3.3449

 88.9629, 14.0999,
-7.9753

 88.9636, 14.1038,
-7.9857

Harmonies

Analogous

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



76.5956, -26.5328, 24.2574



76.5940, -34.4695, 12.7536



76.5956, -34.7766, -4.0891

Triad

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



76.5956, -34.4705, 12.7545



76.5956, 4.3228, -35.0038



76.5956, 22.4034, 23.5804

Complementary

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



76.5940, -34.4695, 12.7536



57.9241, 34.3494, -1.1297

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.



76.5956, 32.3443, 11.5996



76.5940, -34.4695, 12.7536



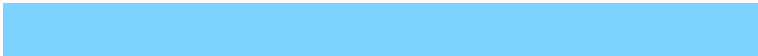
76.5956, 21.2746, -23.4672

Square

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



76.5956, -34.4705, 12.7545



76.5956, -13.4607, -34.4912



76.5956, 31.9132, -5.5413



76.5956, 5.7518, 29.4531

Rectangle

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



76.5940, -34.4695, 12.7536



76.5956, -30.6798, -16.4264



76.5956, 31.9132, -5.5413



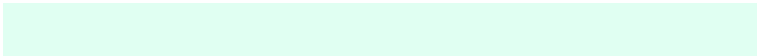
76.5956, 26.7061, 20.2713

Sweetspot

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



76.5956, -34.4705, 12.7545



96.8746, -17.2156, 7.9409



77.8302, -31.9784, 31.5767



44.6721, -8.5338, 3.8091

0.0000, NaN, NaN



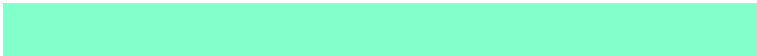
46.2646, -2.4686, 2.5136

Same Dimension

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



76.5956, -34.4705, 12.7545



89.7471, -46.3485, 17.4771



75.7447, -25.0082, -6.2255



38.3820, -5.7788, 2.8965



55.6457, -41.7904, 20.6611



14.2236, -10.2660, 4.3831

Inverse Universe

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



57.9241, 34.3494, -1.1297



63.7570, 50.1262, -1.3997



58.2876, 26.1326, 15.2471



36.2523, 1.9617, 1.2506



30.6820, 54.1209, 7.6002



7.9174, 14.1692, 0.3843

Previews

White Background



This preview shows how the HunterLab color 76.5940, -34.4695, 12.7536 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 76.5940, -34.4695, 12.7536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

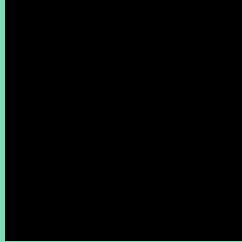
Any Text WCAG AA ✓ Pass

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 76.5940, -34.4695, 12.7536 Background



This preview shows how black text looks on a background with the HunterLab color 76.5940, -34.4695, 12.7536.



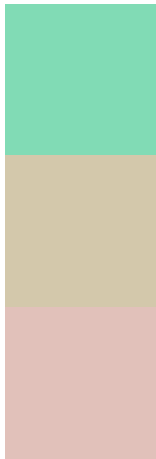
This preview shows how white text looks on a background with the HunterLab color 76.5940,

-34.4695, 12.7536.

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

76.5940, -34.4695, 12.7536

Protanopia

76.2219, -4.8935, 16.9124

Deuteranopia

75.9557, 5.6937, 10.6415



Tritanopia

76.4244, -20.0649, -10.7680

Trichromacy



Original Color

76.5940, -34.4695, 12.7536



Protanomaly

75.8581, -17.1998, 14.7430



Deuteranomaly

75.2655, -10.7450, 10.4679



Tritanomaly

76.5981, -25.6842, -1.4631

Monochromacy



Original Color

76.5940, -34.4695, 12.7536



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.5018, -15.8004, 6.8638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5940, -34.4695, 12.7536 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(129, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 219, 181)  
}
```

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(129, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 219, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5940, -34.4695, 12.7536 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(129, 219, 181) }
```


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

```
.border{ border-color:rgb(129, 219, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 219, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 219, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 219, 181); box-shadow:4px 4px 4px 4px rgb(129, 219, 181) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5940, -34.4695, 12.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 219, 181) }
```

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

```
.background{ background-color: rgb(129,  
219, 181) }
```

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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