

Converting Colors

HunterLab(76.2109, -7.5808,
-15.9017)

Have a look what the booklet for
HunterLab(76.2109, -7.5808,
-15.9017) contains.

HunterLab(76.0952, -7.4275, -16.2656)	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(76.0952, -7.4275,
-16.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	AACCEE
RGB	170, 204, 238
RGB Percent	67%, 80%, 93%
CMY	0.3333, 0.2000, 0.0667
CMYK	0.29, 0.14, 0.00, 0.07
HSL	210°, 67%, 80%
HSV	210°, 29%, 93%
XYZ	53.6030, 57.9048, 89.2405
YIQ	197.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

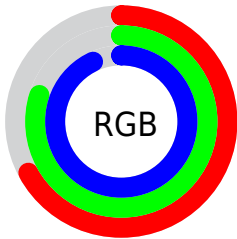
Format	Color
R _Y B	170, 193, 238
Decimal	11193582
CIE Lab	80.69, -3.65, -20.47
CIE LCh	81, 20.790, 259.884
Yxy	57.9071, 0.2670, 0.2884
Android (android.graphics.Color)	4289383662 (0xFFAACCEE)
YUV	197.7100, 19.8630, -24.3017
Hunter-Lab	76.0952, -7.4275, -16.2656

Details

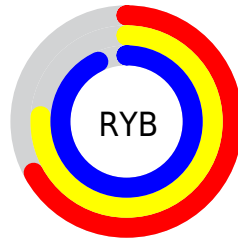
The HunterLab color $76.0952, -7.4275, -16.2656$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $80.1659, 2.4575, 21.3129$, and the grayscale version is $74.9531, -3.9993, 4.0723$.

A 20% lighter version of the original color is $97.4211, -14.4267, 2.2001$, and $53.7616, -5.9235, -15.7829$ is the 20% darker color. If you saturate the color by 10%, you get $70.7445, -7.2440, -24.3271$, and if you desaturate by 10%, it is $81.6570, -7.0162, -8.5392$.

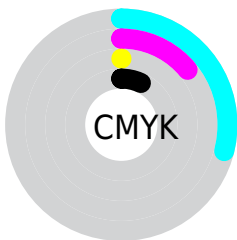
Distribution



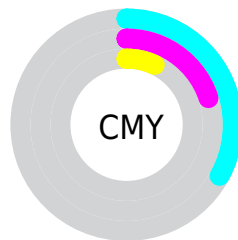
- Red (67%)
- Green (80%)
- Blue (93%)



- Red (67%)
- Yellow (76%)
- Blue (93%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0952, -7.4275, -16.2656 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 76.0952, -7.4275, -16.2656 by changing the saturation by 10% instead.

■ 76.0952, -7.4275,
-16.2656

■ 76.0952, -7.4275,
-16.2656

204.1665,
-15.5990, -15.6616

■ 64.6018, -6.6325,
-16.0695

■ 100.8898, -9.0898,
-16.4765

■ 53.7522, -5.8600,
-15.8115

114.1331, -9.9547,
-16.5004

■ 43.5889, -5.1109,
-15.4879

127.9100,
-10.8419, -16.4736

■ 34.1617, -4.3845,
-15.0987

142.2004,
-11.7510, -16.3985

■ 25.5334, -3.6794,
-14.6512

156.9867,
-12.6817, -16.2777

■ 17.7862, -2.9925,
-14.1728

172.2527,

■ 11.0348, -2.3163,

-13.6335, -16.1134

-13.7607

187.9838,
-14.6061, -15.9074

■ 2.7580, -4.8266,
-32.9946

0.0000, NaN, -NF

■ 76.0952, -7.4275,
-16.2656

■ 76.0952, -7.4275,
-16.2656

■ 70.7445, -7.2440,
-24.3271

■ 81.6570, -7.0162,
-8.5392

■ 65.6243, -6.3714,
-32.7563

■ 87.4047, -6.0877,
-1.1189

■ 60.7632, -4.7104,
-41.5693

■ 93.3221, -4.7121,
6.0306

■ 56.1911, -2.1588,
-50.7640

■ 98.3891, -6.4363,
11.7693

■ 51.9397, 1.3747,
-60.3082

■ 99.4752, -8.2185,
12.9396

■ 48.0380, 5.9451,
-70.1319

■ 44.4959, 11.4999,
-80.1650

■ 44.0094, 12.3377,
-81.6414

Harmonies

Analogous

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



76.0967, -16.1179, -11.2967



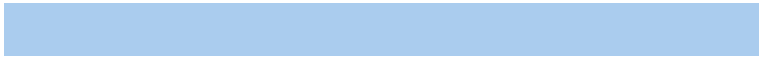
76.0952, -7.4275, -16.2656



76.0967, 2.6191, -15.2481

Triad

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



76.0967, -7.4284, -16.2642



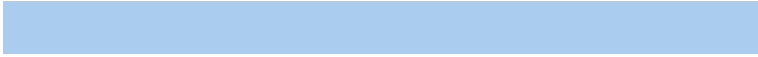
76.0967, 14.9706, 10.1319



76.0967, -18.2836, 15.0588

Complementary

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



76.0952, -7.4275, -16.2656



80.1659, 2.4575, 21.3129

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.



76.0967, -10.5250, 19.4783



76.0952, -7.4275, -16.2656



76.0967, 8.7894, 16.8999

Square

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



76.0967, -7.4284, -16.2642



76.0967, 15.9058, 0.8426



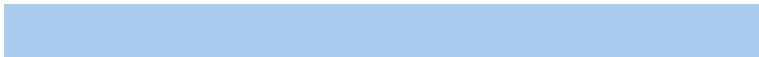
76.0967, -0.6409, 20.1056



76.0967, -22.1664, 7.3002

Rectangle

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



76.0952, -7.4275, -16.2656



76.0967, 8.7255, -11.3542



76.0967, -0.6409, 20.1056



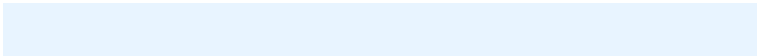
76.0967, -16.0617, 16.9391

Sweetspot

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



76.0967, -7.4284, -16.2642



94.2340, -6.6414, -1.5749



86.0243, -30.3649, 13.5915



43.1721, -3.1537, -1.2629

0.0000, NaN, NaN



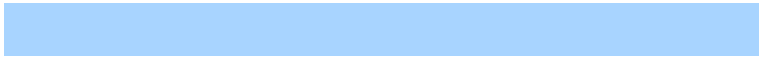
46.2646, -2.4686, 2.5136

Same Dimension

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



76.0967, -7.4284, -16.2642



79.0513, -8.0085, -22.3869



66.2548, 9.6007, -31.3928



40.6629, -2.8981, -0.8341



33.2632, 8.4392, -59.7939



10.5804, 0.5944, -14.5077

Inverse Universe

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



71.6155, 25.5554, -2.7203



73.5609, 34.1825, -4.0919



90.3171, -14.2496, 30.4370



39.8631, 2.3434, 0.9897



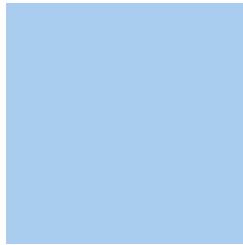
33.0308, 58.8951, 3.2901



9.6318, 17.3678, -0.5433

Previews

White Background



This preview shows how the HunterLab color 76.0952, -7.4275, -16.2656 looks on a white background.

Color Contrast Check

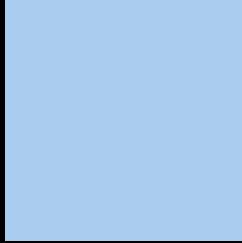
Large Text (above 18pt) WCAG AA × Fail

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 76.0952, -7.4275, -16.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

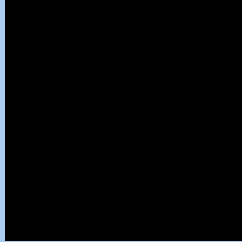
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

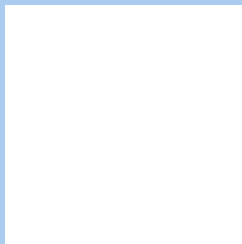
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 76.0952, -7.4275, -16.2656 Background



This preview shows how black text looks on a background with the HunterLab color 76.0952, -7.4275, -16.2656.



This preview shows how white text looks on a background with the HunterLab color 76.0952, -7.4275, -16.2656.

-16.2656.

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

76.0952, -7.4275, -16.2656

Protanopia

75.9382, 1.1806, -13.9629

Deuteranopia

75.8047, 5.7917, -17.6663



Tritanopia

76.2685, -12.7783, -7.4982

Trichromacy



Original Color

76.0952, -7.4275, -16.2656

Protanomaly

75.9085, -1.9610, -14.6500

Deuteranomaly

75.7044, 0.7671, -17.2933

Tritanomaly

76.2029, -11.0256, -10.3453

Monochromacy



Original Color

76.0952, -7.4275, -16.2656

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.3684, -5.4156, -3.1746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0952, -7.4275, -16.2656 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(170, 204, 238)` looks like.

```
.text, #text, p{  
    color:rgb(170, 204, 238)  
}
```

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(170, 204, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 204, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0952, -7.4275, -16.2656 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(170, 204, 238) }
```


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

```
.border{ border-color:rgb(170, 204, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 204, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 204, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 204, 238);  
box-shadow:4px 4px 4px 4px rgb(170, 204,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0952, -7.4275, -16.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 204, 238) }
```

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

```
.background{ background-color: rgb(170,  
204, 238) }
```

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