

Converting Colors

HunterLab(76.8287, -24.9246,
-14.2278)

Have a look what the booklet for
HunterLab(76.8287, -24.9246,
-14.2278) contains.

HunterLab(76.8241, -24.8492, -14.3411)	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(76.8241,
-24.8492, -14.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	76D8EC
RGB	118, 216, 236
RGB Percent	46%, 85%, 93%
CMY	0.5372, 0.1529, 0.0745
CMYK	0.50, 0.08, 0.00, 0.07
HSL	190°, 76%, 69%
HSV	190°, 50%, 93%
XYZ	47.1674, 59.0194, 88.2628
YIQ	188.9780, -64.8280, -14.5560

Conversions

Conversions Part 2

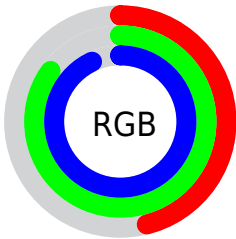
Format	Color
RYB	118, 172, 236
Decimal	7788780
CIELab	81.30, -23.55, -18.72
CIELCh	81, 30.083, 218.478
Yxy	59.0217, 0.2426, 0.3035
Android (android.graphics.Color)	4285978860 (0xFF76D8EC)
YUV	188.9780, 23.1818, -62.2477
Hunter-Lab	76.8241, -24.8492, -14.3411

Details

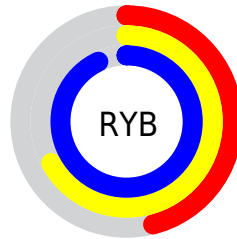
The HunterLab color **76.8241, -24.8492, -14.3411** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61.0894, 30.2843, 21.5369**, and the grayscale version is **71.2532, -3.8019, 3.8713**.

A 20% lighter version of the original color is **93.8547, -27.4221, -2.4129**, and **54.4034, -21.1899, -13.9064** is the 20% darker color. If you saturate the color by 10%, you get **74.5293, -26.6192, -17.6727**, and if you desaturate by 10%, it is **79.3475, -22.2787, -10.7943**.

Distribution



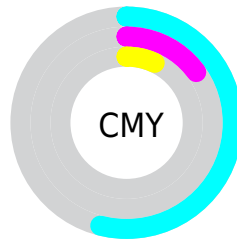
- Red (46%)
- Green (85%)
- Blue (93%)



- Red (46%)
- Yellow (67%)
- Blue (93%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8241, -24.8492, -14.3411 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 76.8241, -24.8492, -14.3411 by changing the saturation by 10% instead.

■ 76.8241, -24.8492,
-14.3411

■ 76.8241, -24.8492,
-14.3411

205.1785,
-40.5411, -13.2244

■ 65.2921, -23.0101,
-14.2069

■ 101.6903,
-28.4331, -14.4307

■ 54.4016, -21.1250,
-14.0106

■ 114.9671,
-30.1917, -14.3954

■ 44.1946, -19.1786,
-13.7475

■ 128.7762,
-31.9353, -14.3104

■ 34.7204, -17.1482,
-13.4155

143.0977,
-33.6678, -14.1784

■ 26.0407, -14.9994,
-13.0168

157.9140,
-35.3923, -14.0017

■ 18.2363, -12.6747,
-12.5675

173.2090,

■ 11.4193, -10.3785,

-37.1113, -13.7825

-12.1320

188.9683,
-38.8270, -13.5229

■ 3.7988, -6.6478,
-21.6527

0.0000, NaN, -NF

■ 76.8241, -24.8492,
-14.3411

■ 76.8241, -24.8492,
-14.3411

■ 74.5293, -26.6192,
-17.6727

■ 79.3475, -22.2787,
-10.7943

■ 72.4584, -27.5690,
-20.7698

■ 82.0917, -18.9440,
-7.0627

■ 70.6068, -27.7066,
-23.6160

■ 85.0521, -14.8952,
-3.1727

■ 68.9610, -27.0763,
-26.2094

■ 88.2203, -10.1892,
0.8487

67.4820, -25.8266,
-28.5943

91.5873, -4.8857,
4.9769

67.4818, -25.8263,
-28.5947

94.6771, -0.6387,
8.6318

95.9263, -2.7588,
10.0116

97.1864, -4.8700,
11.3870

98.4570, -6.9722,
12.7579

Harmonies

Analogous

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



76.8256, -29.9219, 0.1434



76.8241, -24.8492, -14.3411



76.8256, -14.1239, -25.0082

Triad

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



76.8256, -24.8496, -14.3399



76.8256, 23.7673, -6.2638



76.8256, -8.1947, 26.1667

Complementary

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



76.8241, -24.8492, -14.3411



61.0894, 30.2843, 21.5369

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.



76.8256, 6.4587, 25.0915



76.8241, -24.8492, -14.3411



76.8256, 25.6511, 8.0122

Square

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



76.8256, -24.8496, -14.3399



76.8256, 14.1380, -19.7734



76.8256, 19.1086, 18.9992



76.8256, -20.7871, 22.2733

Rectangle

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



76.8241, -24.8492, -14.3411



76.8256, -4.8467, -27.5549



76.8256, 19.1086, 18.9992



76.8256, -3.3571, 26.3572

Sweetspot

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



76.8256, -24.8496, -14.3399



94.5446, -13.8134, -1.3135



81.0365, -49.2306, 31.5713



43.4043, -6.8866, -1.0364

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8256, -24.8496, -14.3399



81.3154, -29.1020, -19.3852



58.4264, 3.8481, -44.4616



40.8192, -4.5808, 0.4928



50.2671, -19.3956, -20.9599



14.4881, -5.9643, -5.2336

Inverse Universe

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



59.7907, 54.9866, -26.6187



60.3521, 72.2681, -34.4204



76.7618, -0.0332, 34.0600



39.0735, 2.8817, -0.6274



34.7039, 65.8104, -27.0237



9.7842, 18.6510, -8.3690

Previews

White Background



This preview shows how the HunterLab color 76.8241, -24.8492, -14.3411 looks on a white background.

Color Contrast Check

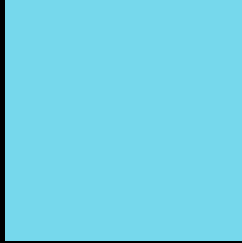
Large Text (above 18pt) WCAG AA × Fail

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 76.8241, -24.8492, -14.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

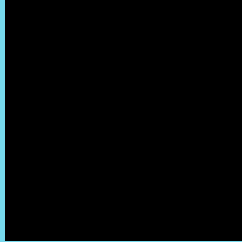
Any Text WCAG AA ✓ Pass

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 76.8241, -24.8492, -14.3411 Background



This preview shows how black text looks on a background with the HunterLab color 76.8241, -24.8492, -14.3411.



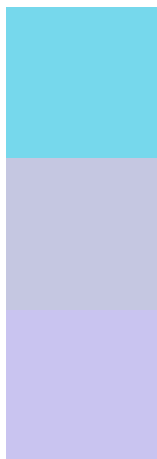
This preview shows how white text looks on a background with the HunterLab color 76.8241, -24.8492, -14.3411.

-24.8492, -14.3411.

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

76.8241, -24.8492, -14.3411

Protanopia

76.2584, 0.0628, -8.3926

Deuteranopia

76.2815, 5.8683, -16.9682



Tritanopia

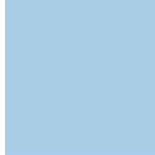
76.7034, -25.4526, -13.3513

Trichromacy



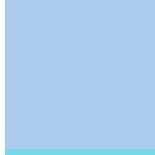
Original Color

76.8241, -24.8492, -14.3411



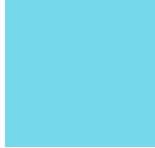
Protanomaly

75.9241, -10.3250, -11.2847



Deuteranomaly

75.8958, -6.4485, -17.1403



Tritanomaly

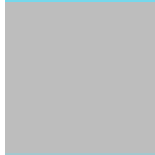
76.7410, -25.2364, -13.8785

Monochromacy



Original Color

76.8241, -24.8492, -14.3411



Achromatopsia

71.3359, -3.8063, 3.8758



Achromatomaly

72.8626, -13.1809, -2.8485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8241, -24.8492, -14.3411 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, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(118, 216, 236)  
}
```

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, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 216, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8241, -24.8492, -14.3411 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, 216, 236) }
```


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

```
.border{ border-color:rgb(118, 216, 236) }
```

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

Here you see how a box with a 4 pixel rgb(118, 216, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 216, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 216, 236);  
box-shadow:4px 4px 4px 4px rgb(118, 216,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8241, -24.8492, -14.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 216, 236) }
```

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

```
.background{ background-color: rgb(118,  
216, 236) }
```

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