

Converting Colors

HunterLab(76.9162, -31.5103,
-17.9108)

Have a look what the booklet for
HunterLab(76.9162, -31.5103,
-17.9108) contains.

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Color

**HunterLab(76.8204,
-31.3423, -18.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	49DCF2
RGB	73, 220, 242
RGB Percent	29%, 86%, 95%
CMY	0.7137, 0.1372, 0.0510
CMYK	0.70, 0.09, 0.00, 0.05
HSL	188°, 87%, 62%
HSV	188°, 70%, 95%
XYZ	44.3679, 59.0137, 93.0568
YIQ	178.5550, -94.6740, -24.3220

Conversions

Conversions Part 2

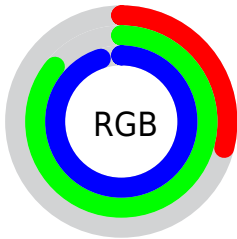
Format	Color
RYB	73, 152, 242
Decimal	4840690
CIELab	81.30, -31.53, -22.04
CIELCh	81, 38.468, 214.956
Yxy	59.0159, 0.2259, 0.3004
Android (android.graphics.Color)	4283030770 (0xFF49DCF2)
YUV	178.5550, 31.2784, -92.5717
Hunter-Lab	76.8204, -31.3423, -18.0470

Details

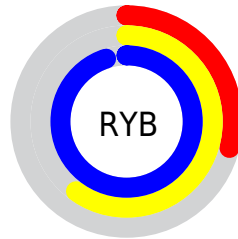
The HunterLab color **76.8204, -31.3423, -18.0470** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **52.4832, 50.7094, 26.1046**, and the grayscale version is **66.8591, -3.5674, 3.6326**.

A 20% lighter version of the original color is **91.9189, -34.6999, -4.9919**, and **55.1864, -24.3887, -16.3300** is the 20% darker color. If you saturate the color by 10%, you get **75.2390, -31.8842, -20.3945**, and if you desaturate by 10%, it is **78.6265, -29.9690, -15.4215**.

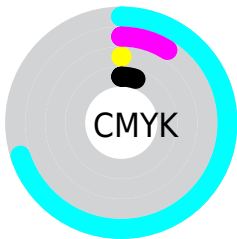
Distribution



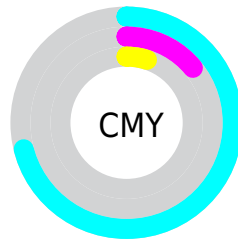
- Red (29%)
- Green (86%)
- Blue (95%)



- Red (29%)
- Yellow (60%)
- Blue (95%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (71%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8204, -31.3423, -18.0470 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 76.8204, -31.3423, -18.0470 by changing the saturation by 10% instead.

76.8204, -31.3423,
-18.0470

76.8204, -31.3423,
-18.0470

205.1733,
-50.1681, -17.8449

65.2885, -29.0616,
-17.8049

101.6862,
-35.7338, -18.3508

54.3983, -26.7036,
-17.5015

114.9628,
-37.8663, -18.4207

44.1915, -24.2454,
-17.1345

128.7717,
-39.9671, -18.4392

34.7175, -21.6540,
-16.7058

143.0931,
-42.0422, -18.4090

26.0381, -18.8789,
-16.2264

157.9092,
-44.0962, -18.3324

18.2340, -15.8375,
-15.7315

173.2041,

11.4173, -13.4233,

-46.1331, -18.2116

-15.3373

188.9633,
-48.1562, -18.0485

■ 3.7942, -6.6398,
-27.0229

0.0000, NaN, -NF

■ 76.8204, -31.3423,
-18.0470

■ 76.8204, -31.3423,
-18.0470

■ 75.2390, -31.8842,
-20.3945

■ 78.6265, -29.9690,
-15.4215

■ 73.8617, -31.6482,
-22.4735

■ 80.6621, -27.7474,
-12.5298

■ 72.6499, -30.7849,
-24.3299

■ 82.9316, -24.6888,
-9.3879

■ 72.6298, -30.7683,
-24.3609

■ 85.4342, -20.8257,
-6.0190

88.1654, -16.2050,
-2.4491

91.1188, -10.8832,
1.2949

94.2858, -4.9217,
5.1869

96.4883, -2.3915,
7.7942

97.4805, -4.0601,
8.9017

Harmonies

Analogous

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



76.8218, -36.6672, 1.1753



76.8204, -31.3423, -18.0470



76.8218, -18.7027, -33.5929

Triad

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



76.8218, -31.3423, -18.0458



76.8218, 31.1636, -11.7072



76.8218, -7.1771, 30.9968

Complementary

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



76.8204, -31.3423, -18.0470



52.4832, 50.7094, 26.1046

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.



76.8218, 11.6754, 29.1138



76.8204, -31.3423, -18.0470



76.8218, 34.9908, 7.0711

Square

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



76.8218, -31.3423, -18.0458



76.8218, 17.5438, -29.3637



76.8218, 27.5553, 21.2729



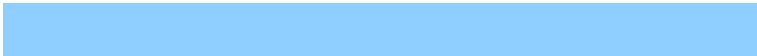
76.8218, -23.5903, 27.2171

Rectangle

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



76.8204, -31.3423, -18.0470



76.8218, -7.2307, -38.1559



76.8218, 27.5553, 21.2729



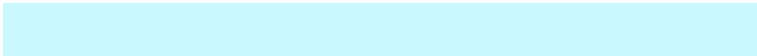
76.8218, -0.9247, 30.9941

Sweetspot

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



76.8218, -31.3423, -18.0458



93.1948, -17.8410, -3.0751



81.0602, -61.5574, 41.3429



42.7375, -8.9060, -1.9141

0.0000, NaN, NaN



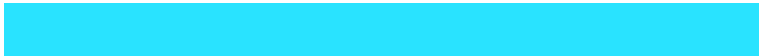
46.2646, -2.4686, 2.5136

Same Dimension

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



76.8218, -31.3423, -18.0458



79.1766, -33.8227, -22.6493



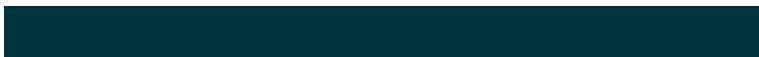
50.9361, 8.4041, -66.2495



41.9015, -4.9053, 0.6578



53.3682, -22.7254, -17.6480



15.7041, -6.9533, -4.6187

Inverse Universe

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



53.6764, 78.7269, -40.3405



53.2772, 94.0768, -46.4927



71.3377, 9.2445, 38.8794



39.9924, 3.0361, -0.8477



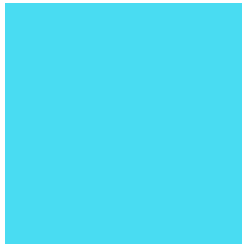
35.5930, 68.0552, -32.0474



10.3135, 19.7956, -9.8740

Previews

White Background



This preview shows how the HunterLab color 76.8204, -31.3423, -18.0470 looks on a white background.

Color Contrast Check

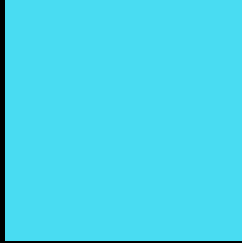
Large Text (above 18pt) WCAG AA × Fail

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 76.8204, -31.3423, -18.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

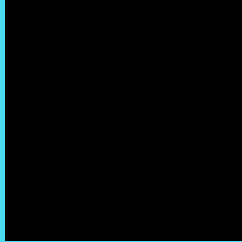
Any Text WCAG AA ✓ Pass

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 76.8204, -31.3423, -18.0470 Background



This preview shows how black text looks on a background with the HunterLab color 76.8204, -31.3423, -18.0470.



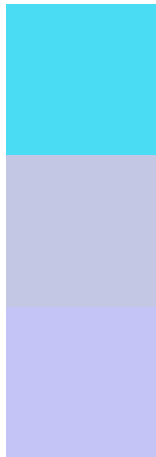
This preview shows how white text looks on a background with the HunterLab color 76.8204,

-31.3423, -18.0470.

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

76.8204, -31.3423, -18.0470

Protanopia

76.2785, 0.3482, -10.0431

Deuteranopia

76.1124, 5.8590, -21.5441



Tritanopia

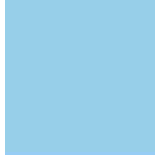
76.9581, -32.8819, -15.4728

Trichromacy



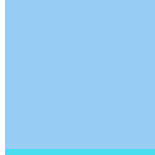
Original Color

76.8204, -31.3423, -18.0470



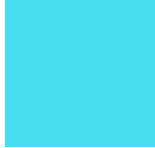
Protanomaly

75.5567, -14.6130, -14.1920



Deuteranomaly

75.3887, -10.9978, -21.6775



Tritanomaly

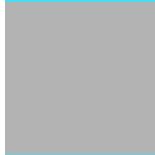
77.0212, -32.5627, -15.9719

Monochromacy



Original Color

76.8204, -31.3423, -18.0470



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

69.5868, -17.2022, -5.0310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8204, -31.3423, -18.0470 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(73, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 220, 242)  
}
```

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(73, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 220, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8204, -31.3423, -18.0470 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(73, 220, 242) }
```


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

```
.border{ border-color:rgb(73, 220, 242) }
```

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

Here you see how a box with a 4 pixel rgb(73, 220, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 220,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8204, -31.3423, -18.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 220, 242) }
```

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

```
.background{ background-color: rgb(73, 220,  
242) }
```

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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