

Converting Colors

HunterLab(76.2181, -23.9016,
-27.0484)

Have a look what the booklet for
HunterLab(76.2181, -23.9016,
-27.0484) contains.

HunterLab(76.2209, -23.8707, -27.0436)	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(76.2209,
-23.8707, -27.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD7FF
RGB	92, 215, 255
RGB Percent	36%, 84%, 100%
CMY	0.6392, 0.1569, 0.0000
CMYK	0.64, 0.16, 0.00, 0.00
HSL	195°, 100%, 68%
HSV	195°, 64%, 100%
XYZ	46.7641, 58.0963, 103.3568
YIQ	182.7830, -86.1480, -13.6360

Conversions

Conversions Part 2

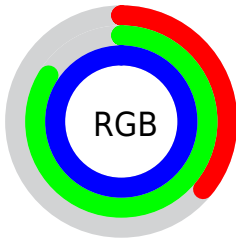
Format	Color
R _Y B	92, 162, 255
Decimal	6084607
CIE Lab	80.79, -22.48, -29.67
CIE LCh	81, 37.228, 232.849
Yxy	58.0983, 0.2246, 0.2790
Android (android.graphics.Color)	4284274687 (0xFF5CD7FF)
YUV	182.7830, 35.6030, -79.6167
Hunter-Lab	76.2209, -23.8707, -27.0436

Details

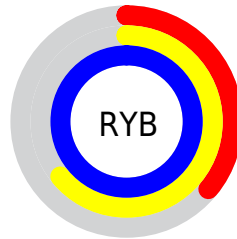
The HunterLab color **76.2209, -23.8707, -27.0436** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **62.0783, 39.2286, 29.2666**, and the grayscale version is **68.6061, -3.6606, 3.7275**.

A 20% lighter version of the original color is **92.6866, -31.7938, -3.9624**, and **54.0544, -19.4239, -25.6327** is the 20% darker color. If you saturate the color by 10%, you get **73.3977, -23.7032, -31.6109**, and if you desaturate by 10%, it is **79.3019, -23.1274, -22.2728**.

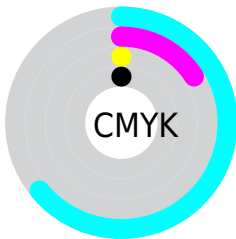
Distribution



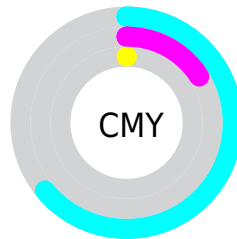
- Red (36%)
- Green (84%)
- Blue (100%)



- Red (36%)
- Yellow (64%)
- Blue (100%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2209, -23.8707, -27.0436 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 76.2209, -23.8707, -27.0436 by changing the saturation by 10% instead.

76.2209, -23.8707,
-27.0436

76.2209, -23.8707,
-27.0436

204.3409,
-39.1531, -28.8015

64.7207, -22.0878,
-26.5854

101.0277,
-27.3504, -27.7894

53.8640, -20.2623,
-26.0774

114.2768,
-29.0605, -28.0820

43.6931, -18.3796,
-25.5255

128.0592,
-30.7576, -28.3222

34.2578, -16.4181,
-24.9482

142.3550,
-32.4452, -28.5118

25.6206, -14.3443,
-24.3896

157.1465,
-34.1263, -28.6527

17.8636, -12.1027,
-23.9595

172.4175,

11.1008, -9.9897,

-35.8034, -28.7468

-23.9742

188.1534,
-37.4785, -28.7958

■ 2.9637, -5.1864,
-52.7915

0.0000, NaN, -NF

■ 76.2209, -23.8707,
-27.0436

■ 76.2209, -23.8707,
-27.0436

■ 73.3977, -23.7032,
-31.6109

■ 79.3019, -23.1274,
-22.2728

■ 70.8252, -22.6283,
-35.9531

■ 82.6333, -21.5007,
-17.3399

■ 68.4908, -20.7001,
-40.0573

■ 86.2084, -19.0399,
-12.2788

■ 67.1610, -19.2121,
-42.4721

■ 90.0169, -15.8064,
-7.1225

■ 94.0467, -11.8668,
-1.9003

■ 98.2853, -7.2890,
3.3637

100.0000, -5.3358,
5.4332

Harmonies

Analogous

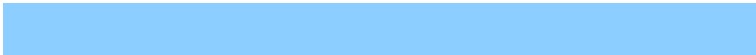
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2222, -33.4209, -9.7774



76.2209, -23.8707, -27.0436



76.2222, -8.3330, -36.2912

Triad

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



76.2222, -23.8710, -27.0414



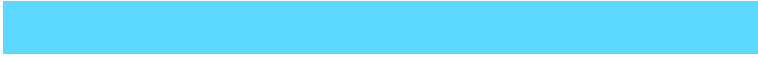
76.2222, 33.4078, -0.0655



76.2222, -17.0526, 28.6847

Complementary

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



76.2209, -23.8707, -27.0436



62.0783, 39.2286, 29.2666

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.



76.2222, 0.2865, 30.1248



76.2209, -23.8707, -27.0436



76.2222, 30.5251, 15.8602

Square

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



76.2222, -23.8710, -27.0414



76.2222, 25.5293, -18.5382



76.2222, 17.9820, 26.0058



76.2222, -29.7468, 21.4776

Rectangle

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



76.2209, -23.8707, -27.0436



76.2222, 3.7807, -35.4461



76.2222, 17.9820, 26.0058



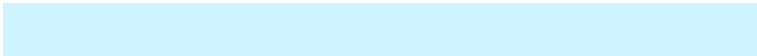
76.2222, -11.6174, 29.7785

Sweetspot

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



76.2222, -23.8710, -27.0414



91.9718, -13.9530, -4.5609



86.8381, -61.0980, 38.0105



42.0213, -6.9634, -2.8002

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.2222, -23.8710, -27.0414



72.5783, -23.4673, -32.9745



51.9194, 16.3895, -75.7592



44.3642, -4.5900, 0.1939



48.8014, -14.2492, -30.2376



15.7795, -5.2204, -8.4536

Inverse Universe

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



58.1570, 74.1995, -28.4095



53.7104, 85.5559, -30.4404



82.9989, -2.0163, 43.8737



42.6845, 3.0465, -0.3030



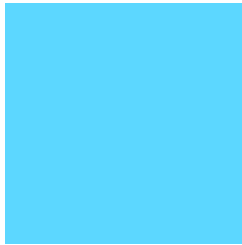
36.2383, 67.6426, -19.8647



11.3838, 21.3773, -7.2350

Previews

White Background



This preview shows how the HunterLab color 76.2209, -23.8707, -27.0436 looks on a white background.

Color Contrast Check

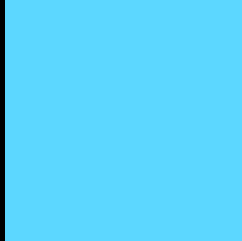
Large Text (above 18pt) WCAG AA × Fail

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 76.2209, -23.8707, -27.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

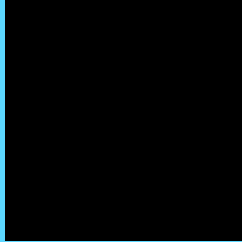
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

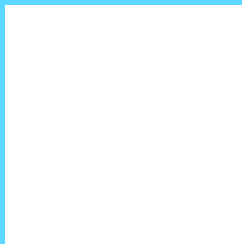
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.2209, -23.8707, -27.0436 Background



This preview shows how black text looks on a background with the HunterLab color 76.2209, -23.8707, -27.0436.



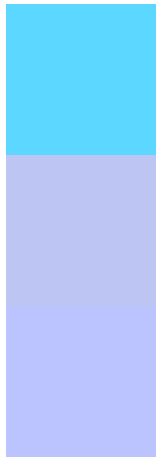
This preview shows how white text looks on a background with the HunterLab color 76.2209,

-23.8707, -27.0436.

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

76.2209, -23.8707, -27.0436

Protanopia

75.6056, 2.2151, -19.2497

Deuteranopia

75.6734, 5.0517, -27.4070



Tritanopia

76.1530, -30.8566, -15.3995

Trichromacy



Original Color

76.2209, -23.8707, -27.0436

Protanomaly

75.3466, -9.3582, -22.9791

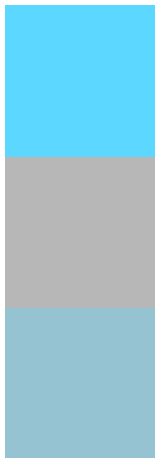
Deuteranomaly

75.2378, -7.4555, -28.3235

Tritanomaly

76.2071, -28.3611, -19.5088

Monochromacy



Original Color

76.2209, -23.8707, -27.0436

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

70.7939, -13.9524, -7.1409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2209, -23.8707, -27.0436 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(92, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 215, 255)  
}
```

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(92, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 215, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2209, -23.8707, -27.0436 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(92, 215, 255) }
```


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

```
.border{ border-color:rgb(92, 215, 255) }
```

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

Here you see how a box with a 4 pixel rgb(92, 215, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 215,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2209, -23.8707, -27.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 215, 255) }
```

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

```
.background{ background-color: rgb(92, 215,  
255) }
```

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