

# Converting Colors

HunterLab(76.4960, 6.9033,  
-53.7745)

Have a look what the booklet for  
HunterLab(76.4960, 6.9033,  
-53.7745) contains.

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# Color

**HunterLab(74.7351, -2.8196,  
-29.0536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3C7FF
RGB	163, 199, 255
RGB Percent	64%, 78%, 100%
CMY	0.3608, 0.2196, 0.0000
CMYK	0.36, 0.22, 0.00, 0.00
HSL	217°, 100%, 82%
HSV	217°, 36%, 100%
XYZ	53.5777, 55.8534, 102.5647
YIQ	194.6200, -39.4320, 9.7840

# Conversions

## Conversions Part 2

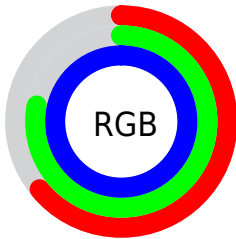
Format	Color
R <sub>Y</sub> B	163, 189, 255
Decimal	10733567
CIE Lab	79.53, 1.26, -31.34
CIE LCh	80, 31.370, 272.309
Yxy	55.8554, 0.2527, 0.2635
Android (android.graphics.Color)	4288923647 (0xFFA3C7FF)
YUV	194.6200, 29.7673, -27.7307
Hunter-Lab	74.7351, -2.8196, -29.0536

# Details

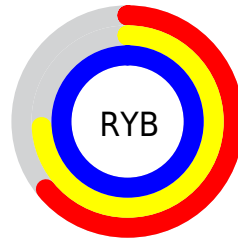
The HunterLab color  $74.7351, -2.8196, -29.0536$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $86.3527, 0.1596, 29.4206$ , and the grayscale version is  $73.6032, -3.9273, 3.9990$ .

A 20% lighter version of the original color is  $96.9307, -16.1836, 1.5758$ , and  $52.4558, -1.6124, -28.0918$  is the 20% darker color. If you saturate the color by 10%, you get  $68.2988, -0.6538, -40.0548$ , and if you desaturate by 10%, it is  $81.4462, -4.2540, -18.7589$ .

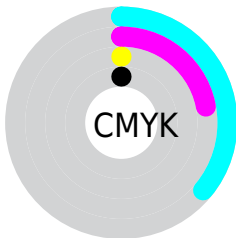
# Distribution



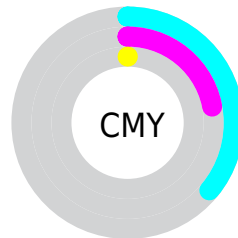
- Red (64%)
- Green (78%)
- Blue (100%)



- Red (64%)
- Yellow (74%)
- Blue (100%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.7351, -2.8196, -29.0536 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 74.7351, -2.8196, -29.0536 by changing the saturation by 10% instead.



■ 74.7351, -2.8196,  
-29.0536

■ 74.7351, -2.8196,  
-29.0536

202.2737, -9.1738,  
-31.2605

■ 63.3143, -2.2730,  
-28.5496

■ 99.3948, -4.0214,  
-29.8978

■ 52.5418, -1.7640,  
-28.0008

■ 112.5750, -4.6711,  
-30.2411

■ 42.4608, -1.2964,  
-27.4168

126.2912, -5.3515,  
-30.5321

■ 33.1224, -0.8741,  
-26.8237

140.5233, -6.0613,  
-30.7724

■ 24.5912, -0.5021,  
-26.2812

155.2532, -6.7995,  
-30.9637

■ 16.9525, -0.1874,  
-25.9372

170.4645, -7.5649,

■ 10.3259, 0.0591,

-31.1077

-26.2243

186.1425, -8.3566,  
-31.2061

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.7351, -2.8196,  
-29.0536

■ 74.7351, -2.8196,  
-29.0536

■ 68.2988, -0.6538,  
-40.0548

■ 81.4462, -4.2540,  
-18.7589

■ 62.1737, 2.3835,  
-51.8668

■ 88.3947, -5.0719,  
-9.0777

■ 56.4108, 6.4431,  
-64.5637

■ 95.5550, -5.3719,  
0.0842

■ 51.0687, 11.6739,  
-78.1654

100.0000, -5.3358,  
5.4332

■ 46.2141, 18.1817,

-92.5809

■ 41.9128, 25.9533,  
-107.5516

■ 40.3649, 29.2431,  
-113.5800

# Harmonies

## Analogous

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



74.7365, -16.9874, -24.6901



74.7351, -2.8196, -29.0536



74.7365, 12.1368, -23.1829

# Triad

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



74.7365, -2.8205, -29.0514



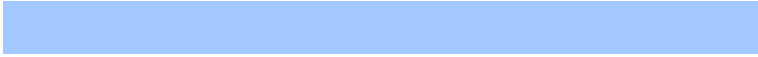
74.7365, 22.1119, 17.3536



74.7365, -27.9602, 15.7783

# Complementary

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



74.7351, -2.8196, -29.0536



86.3527, 0.1596, 29.4206

# 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.



74.7365, -18.8589, 23.8181



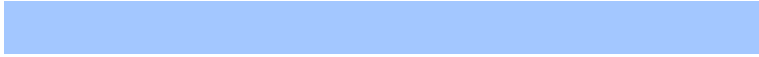
74.7351, -2.8196, -29.0536



74.7365, 9.9573, 24.5930

# Square

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



74.7365, -2.8205, -29.0514



74.7365, 27.2243, 5.1704



74.7365, -5.1559, 26.7037



74.7365, -30.7995, 2.9487



# Rectangle

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



74.7351, -2.8196, -29.0536



74.7365, 20.3507, -14.8254



74.7365, -5.1559, 26.7037



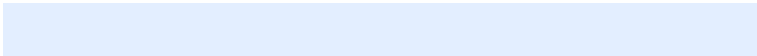
74.7365, -25.5692, 19.0363

# Sweetspot

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



74.7365, -2.8205, -29.0514



92.0049, -5.2835, -4.3669



91.8583, -37.2680, 13.0483



42.1172, -2.4240, -2.5966

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

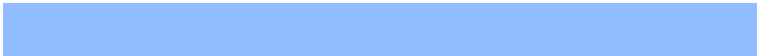


# Same Dimension

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



74.7365, -2.8205, -29.0514



70.2483, -1.4064, -36.5874



64.9689, 18.7487, -45.9764



43.0623, -2.4622, -1.3893



29.6361, 20.0324, -80.2867



10.2971, 3.9055, -21.3012



# Inverse Universe

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



71.8189, 34.9922, 0.2585



67.2755, 42.8541, 0.1469



96.8097, -21.3446, 38.0577



42.5497, 2.3236, 1.6148



34.0802, 59.8475, 10.5173



10.7312, 19.0293, 1.8810



# Previews

## White Background



This preview shows how the HunterLab color 74.7351, -2.8196, -29.0536 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 74.7351, -2.8196, -29.0536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

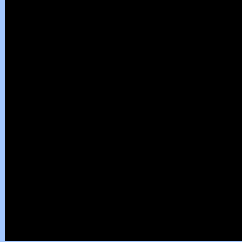
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

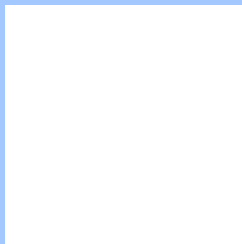
Any Text WCAG AAA ✓ Pass

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

# HunterLab 74.7351, -2.8196, -29.0536 Background



This preview shows how black text looks on a background with the HunterLab color 74.7351, -2.8196, -29.0536.



This preview shows how white text looks on a background with the HunterLab color 74.7351, -2.8196, -29.0536.

-29.0536.

# 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

74.7351, -2.8196, -29.0536

### Protanopia

74.5365, 4.0383, -27.2575

### Deuteranopia

74.5321, 5.8103, -29.2321



## Tritanopia

74.7340, -15.1823, -8.4853

# Trichromacy



## Original Color

74.7351, -2.8196, -29.0536

## Protanomaly

74.6228, 1.3275, -27.8289

## Deuteranomaly

74.4851, 2.5813, -29.3650

## Tritanomaly

74.7423, -10.9961, -15.2896

# Monochromacy



## Original Color

74.7351, -2.8196, -29.0536

## Achromatopsia

73.8732, -3.9417, 4.0137

## Achromatomaly

73.8626, -4.0948, -7.2520

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.7351, -2.8196, -29.0536 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(163, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 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(163, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.7351, -2.8196, -29.0536 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(163, 199, 255) }
```



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

```
.border{ border-color:rgb(163, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.7351, -2.8196, -29.0536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 255) }
```

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

```
.background{ background-color: rgb(163,  
199, 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](#).

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