

Converting Colors

HunterLab(74.1357, -31.0021,
-27.2108)

Have a look what the booklet for
HunterLab(74.1357, -31.0021,
-27.2108) contains.

HunterLab(74.1588, -30.3644, -27.1441)	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(74.1588,
-30.3644, -27.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	00D6FA
RGB	0, 214, 250
RGB Percent	0%, 84%, 98%
CMY	0.9997, 0.1608, 0.0196
CMYK	1.00, 0.14, 0.00, 0.02
HSL	189°, 100%, 49%
HSV	189°, 100%, 98%
XYZ	41.3019, 54.9953, 98.8808
YIQ	154.1180, -139.1000, -34.1720

Conversions

Conversions Part 2

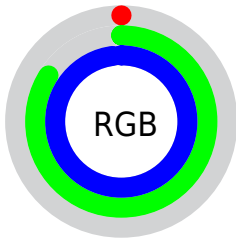
Format	Color
RYB	0, 115, 250
Decimal	55034
CIELab	79.04, -30.93, -29.82
CIELCh	79, 42.964, 223.949
Yxy	54.9972, 0.2116, 0.2818
Android (android.graphics.Color)	4278245114 (0xFF00D6FA)
YUV	154.1180, 47.2698, -135.1615
Hunter-Lab	74.1588, -30.3644, -27.1441

Details

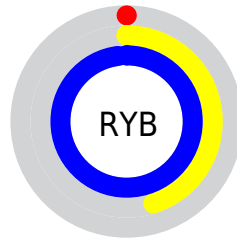
The HunterLab color **74.1588, -30.3644, -27.1441** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **46.4655, 72.5716, 29.8997**, and the grayscale version is **56.7577, -3.0284, 3.0838**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **53.5225, -20.2139, -23.2624** is the 20% darker color. If you saturate the color by 10%, you get **74.1563, -30.3607, -27.1489**, and if you desaturate by 10%, it is **75.5297, -31.4362, -25.0066**.

Distribution



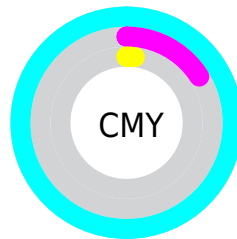
- Red (0%)
- Green (84%)
- Blue (98%)



- Red (0%)
- Yellow (45%)
- Blue (98%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.1588, -30.3644, -27.1441 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 74.1588, -30.3644, -27.1441 by changing the saturation by 10% instead.

74.1588, -30.3644,
-27.1441

74.1588, -30.3644,
-27.1441

201.4700,
-49.0069, -29.0157

62.7690, -28.1014,
-26.6739

98.7608, -34.7163,
-27.9175

52.0295, -25.7595,
-26.1544

111.9141,
-36.8284, -28.2234

41.9837, -23.3141,
-25.5936

125.6045,
-38.9086, -28.4765

32.6834, -20.7299,
-25.0139

139.8116,
-40.9630, -28.6788

24.1939, -17.9524,
-24.4674

154.5174,
-42.9963, -28.8320

16.6017, -14.8901,
-24.0865

169.7053,

10.0290, -14.0608,

-45.0127, -28.9380

-24.2675

185.3607,
-47.0153, -28.9987

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.1588, -30.3644,
-27.1441

■ 74.1588, -30.3644,
-27.1441

■ 74.1563, -30.3607,
-27.1489

■ 75.5297, -31.4362,
-25.0066

■ 77.0734, -31.8525,
-22.6405

■ 78.8329, -31.4560,
-19.9966

■ 80.8247, -30.1923,
-17.0709

■ 83.0571, -28.0463,

-13.8743

■ 85.5328, -25.0323,
-10.4274

■ 88.2496, -21.1859,
-6.7559

■ 91.2025, -16.5578,
-2.8879

■ 94.3839, -11.2074,
1.1479

Harmonies

Analogous

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



74.1601, -38.6027, -5.6269



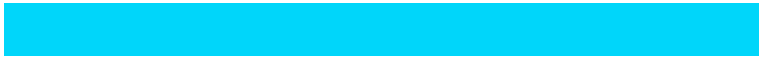
74.1588, -30.3644, -27.1441



74.1601, -14.5922, -42.0381

Triad

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



74.1601, -30.3641, -27.1429



74.1601, 38.0460, -7.1485



74.1601, -13.2645, 32.0731

Complementary

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



74.1588, -30.3644, -27.1441



46.4655, 72.5716, 29.8997

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.



74.1601, 7.3050, 31.8737



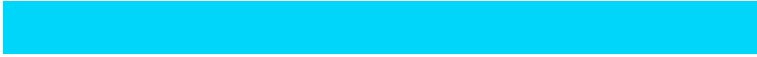
74.1588, -30.3644, -27.1441



74.1601, 38.5019, 12.5528

Square

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



74.1601, -30.3641, -27.1429



74.1601, 25.5614, -28.5155



74.1601, 26.7462, 25.7047



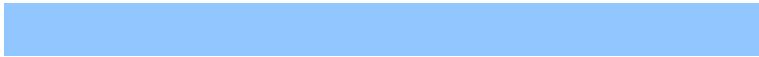
74.1601, -29.4838, 26.3530

Rectangle

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



74.1588, -30.3644, -27.1441



74.1601, -1.2150, -44.2156



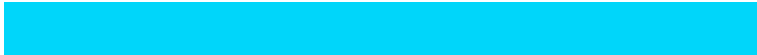
74.1601, 26.7462, 25.7047



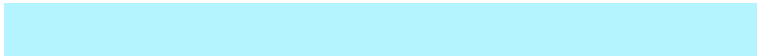
74.1601, -6.6676, 32.6353

Sweetspot

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



74.1601, -30.3641, -27.1429



90.2410, -21.6941, -6.9327



82.7554, -70.4780, 48.7079



41.1935, -10.8505, -3.9525

0.0000, NaN, NaN



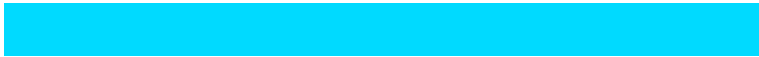
46.2646, -2.4686, 2.5136

Same Dimension

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



74.1601, -30.3641, -27.1429



75.8311, -31.0347, -27.7874



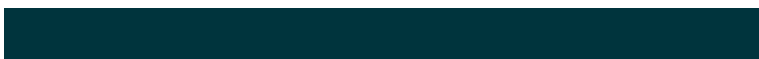
38.0883, 32.0364, -116.7577



43.7690, -5.0628, 0.6221



54.1601, -22.3099, -19.5348



16.8214, -7.2280, -5.4221

Inverse Universe

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



50.1806, 95.6031, -42.5745



51.3188, 97.7761, -43.5135



67.0084, 20.4925, 41.6472



41.8079, 3.1718, -0.8272



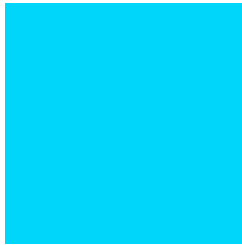
36.5679, 69.7106, -31.3074



11.1798, 21.3945, -10.2082

Previews

White Background



This preview shows how the HunterLab color 74.1588, -30.3644, -27.1441 looks on a white background.

Color Contrast Check

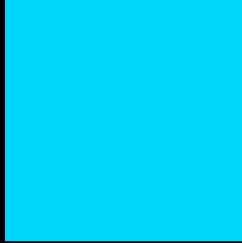
Large Text (above 18pt) WCAG AA × Fail

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 74.1588, -30.3644, -27.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

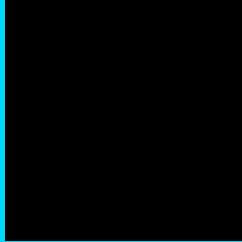
Any Text WCAG AA ✓ Pass

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 74.1588, -30.3644, -27.1441 Background



This preview shows how black text looks on a background with the HunterLab color 74.1588, -30.3644, -27.1441.



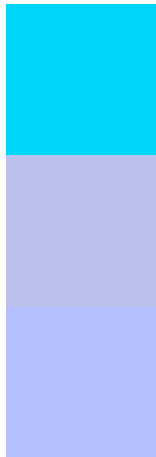
This preview shows how white text looks on a background with the HunterLab color 74.1588, -30.3644, -27.1441.

-30.3644, -27.1441.

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

74.1588, -30.3644, -27.1441

Protanopia

73.4927, 2.1858, -18.0840

Deuteranopia

73.6104, 5.7731, -30.7430



Tritanopia

74.1586, -35.2692, -16.5556

Trichromacy



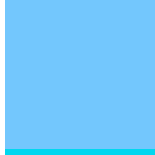
Original Color

74.1588, -30.3644, -27.1441



Protanomaly

71.7296, -16.3965, -24.2290



Deuteranomaly

71.8217, -13.2935, -32.6906



Tritanomaly

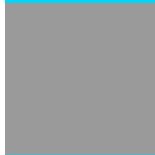
74.0492, -33.4520, -20.3418

Monochromacy



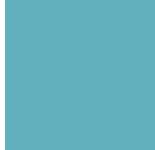
Original Color

74.1588, -30.3644, -27.1441



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.0913, -19.9914, -9.4304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.1588, -30.3644, -27.1441 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(0, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 250)  
}
```

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(0, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 74.1588, -30.3644, -27.1441 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(0, 214, 250) }
```


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

```
.border{ border-color:rgb(0, 214, 250) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.1588, -30.3644, -27.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 250) }
```

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

```
.background{ background-color: rgb(0, 214,  
250) }
```

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