

Converting Colors

HunterLab(74.5811, -30.7502,
-24.5361)

Have a look what the booklet for
HunterLab(74.5811, -30.7502,
-24.5361) contains.

HunterLab(74.5811, -30.7502, -24.5361)	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(74.5811,
-30.7502, -24.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	20D7F7
RGB	32, 215, 247
RGB Percent	13%, 84%, 97%
CMY	0.8744, 0.1569, 0.0314
CMYK	0.87, 0.13, 0.00, 0.03
HSL	189°, 93%, 55%
HSV	189°, 87%, 97%
XYZ	41.6847, 55.6234, 96.5351
YIQ	163.9310, -119.3400, -28.8440

Conversions

Conversions Part 2

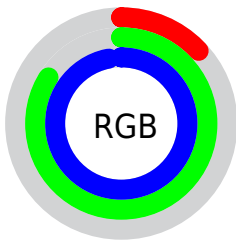
Format	Color
R _{YB}	32, 131, 247
Decimal	2152439
CIE _{Lab}	79.40, -31.32, -27.65
CIE _{LCh}	79, 41.780, 221.442
Y _{xy}	55.6254, 0.2150, 0.2870
Android (android.graphics.Color)	4280342519 (0xFF20D7F7)
YUV	163.9310, 40.9530, -115.7035
Hunter-Lab	74.5811, -30.7502, -24.5361

Details

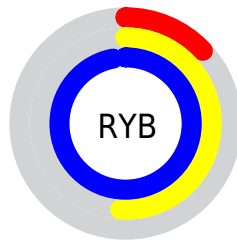
The HunterLab color **74.5811, -30.7502, -24.5361** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **48.5271, 63.8831, 29.3484**, and the grayscale version is **60.7776, -3.2429, 3.3022**.

A 20% lighter version of the original color is **90.9972, -38.2240, -6.2396**, and **53.7617, -21.1221, -21.6008** is the 20% darker color. If you saturate the color by 10%, you get **73.1530, -29.7897, -26.7658**, and if you desaturate by 10%, it is **76.2059, -30.9798, -22.0483**.

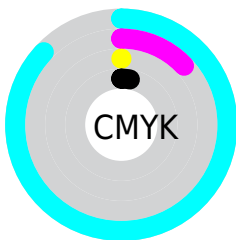
Distribution



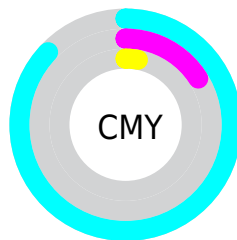
- Red (13%)
- Green (84%)
- Blue (97%)



- Red (13%)
- Yellow (51%)
- Blue (97%)



- Cyan (87%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (87%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.5811, -30.7502, -24.5361 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 74.5811, -30.7502, -24.5361 by changing the saturation by 10% instead.

74.5811, -30.7502,
-24.5361

74.5811, -30.7502,
-24.5361

202.0590,
-49.5391, -25.8667

63.1686, -28.4678,
-24.1220

99.2253, -35.1388,
-25.1905

52.4048, -26.1055,
-23.6535

112.3984,
-37.2681, -25.4354

42.3332, -23.6387,
-23.1353

126.1077,
-39.3649, -25.6274

33.0050, -21.0322,
-22.5827

140.3331,
-41.4354, -25.7687

24.4849, -18.2313,
-22.0338

155.0566,
-43.4843, -25.8613

16.8586, -15.1450,
-21.5886

170.2617,

10.2463, -14.0192,

-45.5158, -25.9073

-21.5494

185.9336,
-47.5331, -25.9085

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.5811, -30.7502,
-24.5361

■ 74.5811, -30.7502,
-24.5361

■ 73.1530, -29.7897,
-26.7658

■ 76.2059, -30.9798,
-22.0483

■ 72.7496, -29.4282,
-27.4036

■ 78.0486, -30.3865,
-19.2860

■ 80.1237, -28.9304,
-16.2505

■ 82.4374, -26.6074,
-12.9567

■ 84.9901, -23.4394,

-9.4273

■ 87.7787, -19.4673,
-5.6893

■ 90.7970, -14.7444,
-1.7709

■ 94.0368, -9.3316,
2.2999

■ 97.4887, -3.2923,
6.4971

Harmonies

Analogous

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



74.5824, -38.1467, -3.5913



74.5811, -30.7502, -24.5361



74.5824, -15.8663, -39.7699

Triad

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



74.5824, -30.7500, -24.5349



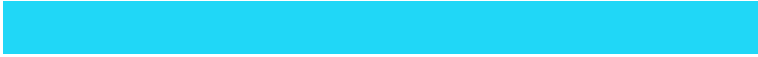
74.5824, 36.2149, -8.5871



74.5824, -11.4813, 31.8106

Complementary

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



74.5811, -30.7502, -24.5361



48.5271, 63.8831, 29.3484

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.



74.5824, 8.6932, 31.1385



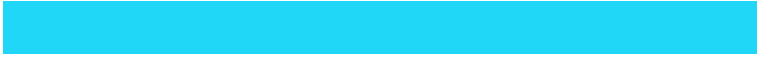
74.5811, -30.7502, -24.5361



74.5824, 37.7087, 10.9773

Square

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



74.5824, -30.7500, -24.5349



74.5824, 23.2988, -29.0135



74.5824, 27.1872, 24.4895



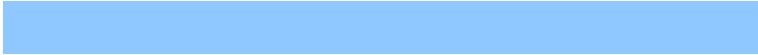
74.5824, -27.8327, 26.6589

Rectangle

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



74.5811, -30.7502, -24.5361



74.5824, -3.0107, -42.7204



74.5824, 27.1872, 24.4895



74.5824, -4.9514, 32.2127

Sweetspot

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



74.5824, -30.7500, -24.5349



91.3153, -19.7348, -5.5052



81.9534, -67.8573, 46.1487



41.7660, -9.8460, -3.1827

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.5824, -30.7500, -24.5349



75.4109, -30.4849, -28.4489



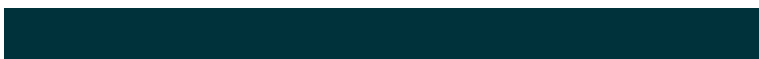
42.8483, 21.0539, -94.9914



42.7934, -4.9197, 0.5924



53.0624, -21.6065, -19.6813



16.0826, -6.8619, -5.2891

Inverse Universe

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



50.7104, 91.2748, -42.3239



51.2562, 97.5559, -42.6772



69.2460, 14.5519, 41.7520



40.8943, 3.0811, -0.7773



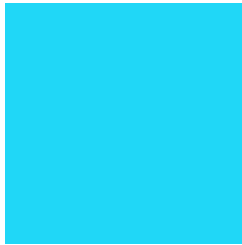
35.9747, 68.5120, -30.2747



10.7180, 20.4970, -9.6797

Previews

White Background



This preview shows how the HunterLab color 74.5811, -30.7502, -24.5361 looks on a white background.

Color Contrast Check

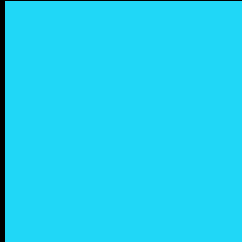
Large Text (above 18pt) WCAG AA × Fail

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 74.5811, -30.7502, -24.5361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

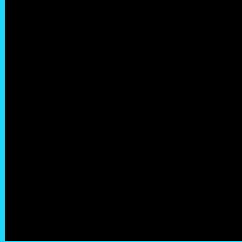
Any Text WCAG AA ✓ Pass

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 74.5811, -30.7502, -24.5361 Background



This preview shows how black text looks on a background with the HunterLab color 74.5811, -30.7502, -24.5361.



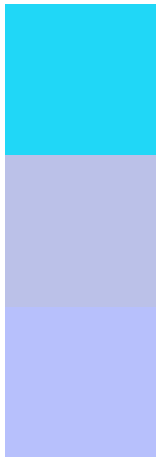
This preview shows how white text looks on a background with the HunterLab color 74.5811,

-30.7502, -24.5361.

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

74.5811, -30.7502, -24.5361

Protanopia

73.8451, 1.6130, -15.7651

Deuteranopia

74.0235, 5.3734, -28.0579



Tritanopia

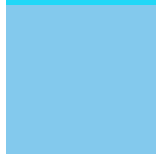
74.5428, -35.4701, -16.6022

Trichromacy



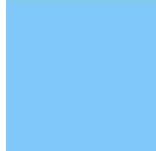
Original Color

74.5811, -30.7502, -24.5361



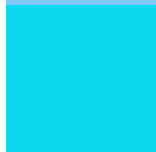
Protanomaly

72.6037, -15.1118, -20.9551



Deuteranomaly

72.6635, -12.1669, -29.2349



Tritanomaly

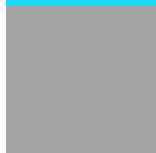
74.4459, -33.6824, -19.7530

Monochromacy



Original Color

74.5811, -30.7502, -24.5361



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

64.4011, -18.8149, -7.6340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.5811, -30.7502, -24.5361 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(32, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(32, 215, 247)  
}
```

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(32, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 215, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 74.5811, -30.7502, -24.5361 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(32, 215, 247) }
```


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

```
.border{ border-color:rgb(32, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(32, 215,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.5811, -30.7502, -24.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 215, 247) }
```

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

```
.background{ background-color: rgb(32, 215,  
247) }
```

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