

Converting Colors

HunterLab(71.0502, -21.3137,
-20.6491)

Have a look what the booklet for
HunterLab(71.0502, -21.3137,
-20.6491) contains.

HunterLab(71.0502, -21.1469, -20.9202)	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(71.0502,
-21.1469, -20.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	66C9E9
RGB	102, 201, 233
RGB Percent	40%, 79%, 91%
CMY	0.6000, 0.2118, 0.0863
CMYK	0.56, 0.14, 0.00, 0.09
HSL	195°, 75%, 66%
HSV	195°, 56%, 91%
XYZ	41.0742, 50.4813, 84.6699
YIQ	175.0470, -69.2760, -11.0360

Conversions

Conversions Part 2

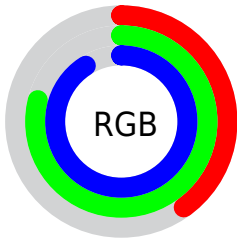
Format	Color
R _Y B	102, 158, 233
Decimal	6736361
CIE Lab	76.36, -20.10, -24.67
CIE LCh	76, 31.820, 230.824
Yxy	50.4832, 0.2331, 0.2865
Android (android.graphics.Color)	4284926441 (0xFF66C9E9)
YUV	175.0470, 28.5708, -64.0622
Hunter-Lab	71.0502, -21.1469, -20.9202

Details

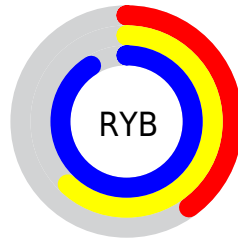
The HunterLab color **71.0502, -21.1469, -20.9202** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.4431, 29.6896, 24.6086**, and the grayscale version is **65.4013, -3.4897, 3.5534**.

A 20% lighter version of the original color is **92.9631, -30.7537, -3.5939**, and **49.3131, -17.8670, -19.9367** is the 20% darker color. If you saturate the color by 10%, you get **68.3396, -21.6635, -25.1520**, and if you desaturate by 10%, it is **73.9893, -19.8342, -16.5314**.

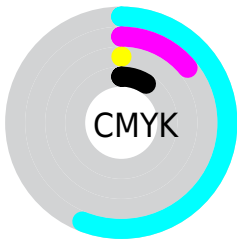
Distribution



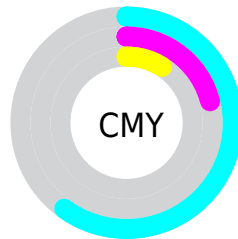
- Red (40%)
- Green (79%)
- Blue (91%)



- Red (40%)
- Yellow (62%)
- Blue (91%)



- Cyan (56%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.0502, -21.1469, -20.9202 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 71.0502, -21.1469, -20.9202 by changing the saturation by 10% instead.

71.0502, -21.1469,
-20.9202

71.0502, -21.1469,
-20.9202

197.1174,
-35.5333, -21.6311

59.8310, -19.4796,
-20.5695

95.3364, -24.4062,
-21.4401

49.2725, -17.7738,
-20.1600

108.3423,
-26.0114, -21.6158

39.4206, -16.0147,
-19.6936

121.8912,
-27.6066, -21.7382

30.3301, -14.1797,
-19.1819

135.9619,
-29.1954, -21.8096

22.0710, -12.2332,
-18.6575

150.5360,
-30.7804, -21.8326

14.7375, -10.1127,
-18.2141

165.5965,

8.3942, -10.8827,

-32.3639, -21.8091

-18.4227

181.1283,
-33.9477, -21.7414

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 71.0502, -21.1469,
-20.9202

■ 71.0502, -21.1469,
-20.9202

■ 68.3396, -21.6635,
-25.1520

■ 73.9893, -19.8342,
-16.5314

■ 65.8556, -21.3635,
-29.2001

■ 77.1468, -17.7654,
-12.0213

■ 63.5951, -20.2584,
-33.0407

■ 80.5149, -14.9931,
-7.4188

■ 61.5429, -18.4079,
-36.6695


■ 84.0835, -11.5761,
-2.7507


■ 60.8010, -17.5926,


■ 87.8413, -7.5746,

-38.0186

1.9604

 91.7771, -3.0473,
6.6963

 94.8480, -1.5813,
10.2268

 96.6339, -4.5865,
12.1651

 98.4412, -7.5735,
14.0950

Harmonies

Analogous

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



71.0515, -28.8425, -6.6178



71.0502, -21.1469, -20.9202



71.0515, -8.3456, -28.9819

Triad

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



71.0515, -21.1470, -20.9190



71.0515, 27.0493, -0.6582



71.0515, -13.7810, 25.0658

Complementary

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



71.0502, -21.1469, -20.9202



59.4431, 29.6896, 24.6086

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.



71.0515, 0.8732, 26.0087



71.0502, -21.1469, -20.9202



71.0515, 25.2889, 12.9642

Square

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



71.0515, -21.1470, -20.9190



71.0515, 20.0283, -15.7858



71.0515, 15.4009, 22.0510



71.0515, -24.8417, 19.1362

Rectangle

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



71.0502, -21.1469, -20.9202



71.0515, 1.7149, -28.7852



71.0515, 15.4009, 22.0510



71.0515, -9.1418, 25.9201

Sweetspot

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



71.0515, -21.1470, -20.9190



92.7976, -13.1771, -3.4957



79.2372, -51.2060, 31.4408



42.5569, -6.4697, -2.1020

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.0515, -21.1470, -20.9190



75.3886, -24.0066, -28.3713



51.5580, 10.6089, -56.6974



40.5737, -4.1863, 0.1997



46.0215, -13.5678, -28.2338



13.4594, -4.5885, -6.9177

Inverse Universe

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



55.7181, 59.1496, -23.4340



56.9575, 77.2842, -29.2634



76.6180, -3.1193, 37.4283



39.0477, 2.7435, -0.2607



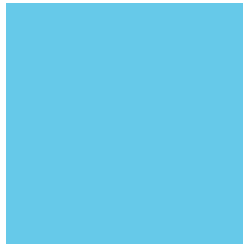
34.1041, 63.6854, -18.9007



9.6348, 18.1232, -6.3585

Previews

White Background



This preview shows how the HunterLab color 71.0502, -21.1469, -20.9202 looks on a white background.

Color Contrast Check

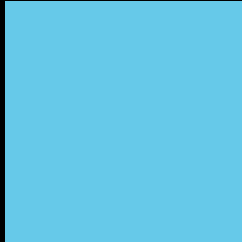
Large Text (above 18pt) WCAG AA × Fail

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 71.0502, -21.1469, -20.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

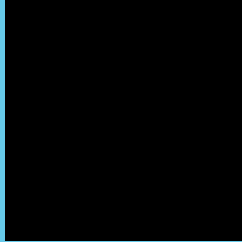
Any Text WCAG AA ✓ Pass

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 71.0502, -21.1469, -20.9202 Background



This preview shows how black text looks on a background with the HunterLab color 71.0502, -21.1469, -20.9202.



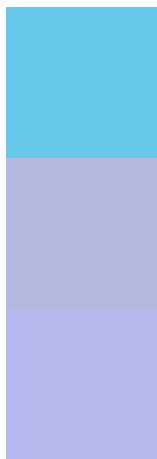
This preview shows how white text looks on a background with the HunterLab color 71.0502, -21.1469, -20.9202.

-21.1469, -20.9202.

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

71.0502, -21.1469, -20.9202

Protanopia

70.7778, 1.1433, -14.2576

Deuteranopia

70.7804, 5.3781, -23.4053



Tritanopia

71.0074, -25.7113, -13.2325

Trichromacy



Original Color

71.0502, -21.1469, -20.9202

Protanomaly

70.3050, -8.0018, -17.4970

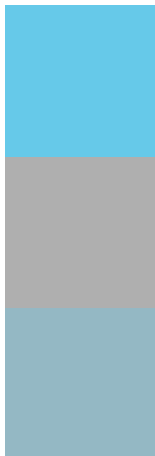
Deuteranomaly

70.3978, -5.2843, -23.5492

Tritanomaly

70.9436, -23.8685, -16.2356

Monochromacy



Original Color

71.0502, -21.1469, -20.9202

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

66.7551, -11.6894, -5.4549

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.0502, -21.1469, -20.9202 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(102, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(102, 201, 233)  
}
```

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(102, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 201, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 71.0502, -21.1469, -20.9202 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(102, 201, 233) }
```


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

```
.border{ border-color:rgb(102, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(102, 201,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.0502, -21.1469, -20.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 201, 233) }
```

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

```
.background{ background-color: rgb(102,  
201, 233) }
```

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