

Converting Colors

HunterLab(71.9021, -44.4076,
9.6587)

Have a look what the booklet for
HunterLab(71.9021, -44.4076,
9.6587) contains.

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Color

**HunterLab(71.9021,
-44.4076, 9.6587)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 29D6B0 |
| RGB | 41, 214, 176 |
| RGB Percent | 16%, 84%, 69% |
| CMY | 0.8392, 0.1608, 0.3098 |
| CMYK | 0.81, 0.00, 0.18, 0.16 |
| HSL | 167°, 68%, 50% |
| HSV | 167°, 81%, 84% |
| XYZ | 32.7975, 51.6991, 49.3246 |
| YIQ | 157.9410, -90.9100, -48.4940 |

Conversions

Conversions Part 2

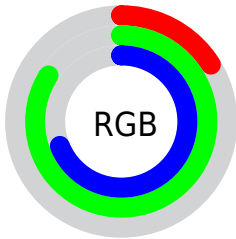
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 41, 138, 214 |
| Decimal | 2741936 |
| CIE Lab | 77.10, -50.59, 6.92 |
| CIE LCh | 77, 51.065, 172.215 |
| Yxy | 51.7011, 0.2451, 0.3863 |
| Android (android.graphics.Color) | 4280932016 (0xFF29D6B0) |
| YUV | 157.9410, 8.9031, -102.5573 |
| Hunter-Lab | 71.9021, -44.4076, 9.6587 |

Details

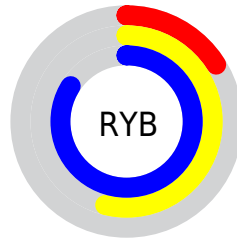
The HunterLab color **71.9021, -44.4076, 9.6587** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.5559, 60.7918, 15.2375**, and the grayscale version is **58.4429, -3.1184, 3.1753**.

A 20% lighter version of the original color is **90.0711, -43.3526, 4.4885**, and **50.9008, -33.4410, 8.5678** is the 20% darker color. If you saturate the color by 10%, you get **71.5481, -46.1046, 11.2286**, and if you desaturate by 10%, it is **72.4267, -42.0402, 8.2369**.

Distribution



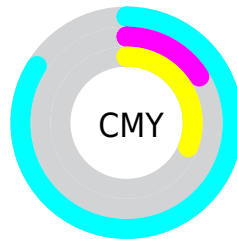
- Red (16%)
- Green (84%)
- Blue (69%)



- Red (16%)
- Yellow (54%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (84%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.9021, -44.4076, 9.6587 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 71.9021, -44.4076, 9.6587 by changing the saturation by 10% instead.


 71.9021, -44.4076,
9.6587


 71.9021, -44.4076,
9.6587


198.3133,
-71.2392, 19.0266


 60.6357, -40.9633,
8.7003


 96.2758, -50.9022,
11.6223


 50.0271, -37.3436,
7.7536


 109.3225,
-53.9968, 12.6281


 40.1213, -33.5010,
6.8165


 122.9105,
-57.0114, 13.6508

 30.9725, -29.3655,
5.8838

 137.0189,
-59.9582, 14.6909

 22.6494, -24.8304,
4.9474

 151.6294,
-62.8470, 15.7484

 15.2437, -20.0674,
3.9915

166.7251,

 8.8669, -15.5170,

-65.6858, 16.8236

3.7161

182.2910,
-68.4813, 17.9163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9021, -44.4076,
9.6587

■ 71.9021, -44.4076,
9.6587

■ 71.5481, -46.1046,
11.2286

■ 72.4267, -42.0402,
8.2369

■ 71.3335, -47.2066,
12.7448


■ 73.1374, -38.9416,
6.9950


■ 74.0494, -35.0842,
5.9612


■ 75.1721, -30.4656,
5.1564


■ 76.5107, -25.1058,

4.5952

 78.0673, -19.0419,
4.2858

 79.8409, -12.3244,
4.2309

 81.8282, -5.0125,
4.4277

 84.0238, 2.8296,
4.8695

Harmonies

Analogous

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



71.9035, -37.0680, 26.1097



71.9021, -44.4076, 9.6587



71.9035, -42.0737, -14.9310

Triad

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



71.9035, -44.4080, 9.6595



71.9035, 14.6277, -50.3619



71.9035, 26.9748, 30.8605

Complementary

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



71.9021, -44.4076, 9.6587



40.5559, 60.7918, 15.2375

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.



71.9035, 44.5503, 18.7296



71.9021, -44.4076, 9.6587



71.9035, 36.7898, -28.8627

Square

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



71.9035, -44.4080, 9.6595



71.9035, -10.0401, -55.2659



71.9035, 48.3615, -2.3488



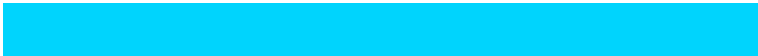
71.9035, 2.5767, 35.4251

Rectangle

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



71.9021, -44.4076, 9.6587



71.9035, -35.1825, -32.6683



71.9035, 48.3615, -2.3488



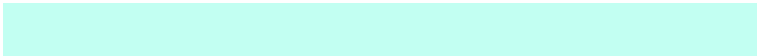
71.9035, 34.0026, 27.7709

Sweetspot

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



71.9035, -44.4080, 9.6595



94.5236, -25.8296, 5.3199



70.7255, -53.4216, 40.8861



43.4158, -13.1787, 2.5251

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.9035, -44.4080, 9.6595



87.0463, -57.2659, 15.1376



57.6929, -17.3271, -30.1350



37.4953, -5.3002, 1.9862



55.4720, -36.6119, 9.6992



13.6668, -8.7284, 1.7597

Inverse Universe

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



40.5559, 60.7918, 15.2375



46.6623, 79.7410, 24.3610



46.1477, 41.2875, 26.4624



35.3058, 1.5835, 2.0678



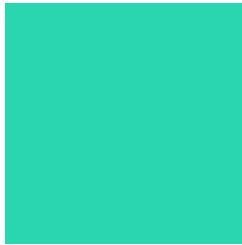
29.6277, 51.2005, 15.5622



7.3625, 12.8919, 2.5603

Previews

White Background



This preview shows how the HunterLab color 71.9021, -44.4076, 9.6587 looks on a white background.

Color Contrast Check

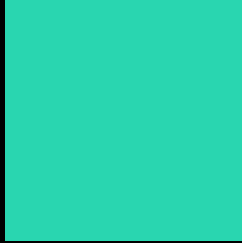
Large Text (above 18pt) WCAG AA × Fail

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 71.9021, -44.4076, 9.6587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

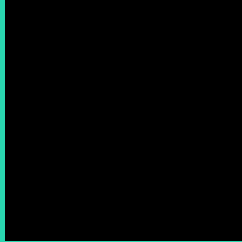
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

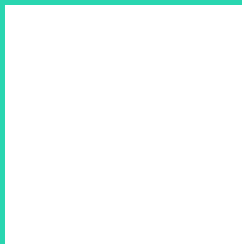
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.9021, -44.4076, 9.6587 Background



This preview shows how black text looks on a background with the HunterLab color 71.9021, -44.4076, 9.6587.



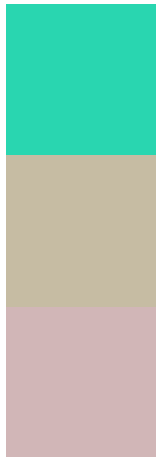
This preview shows how white text looks on a background with the HunterLab color 71.9021, -44.4076, 9.6587.

-44.4076, 9.6587.

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

71.9021, -44.4076, 9.6587

Protanopia

71.1453, -4.3688, 14.8866

Deuteranopia

71.0142, 5.3499, 6.4488



Tritanopia

71.7105, -29.6227, -14.6375

Trichromacy



Original Color

71.9021, -44.4076, 9.6587



Protanomaly

69.5862, -24.2518, 10.8897



Deuteranomaly

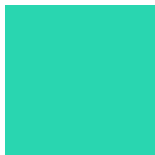
69.4080, -19.2557, 5.5464



Tritanomaly

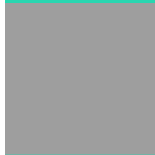
71.8264, -35.6500, -5.0933

Monochromacy



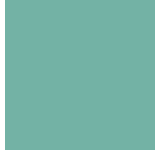
Original Color

71.9021, -44.4076, 9.6587



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.8080, -22.1537, 3.5508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.9021, -44.4076, 9.6587 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(41, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(41, 214, 176)  
}
```

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(41, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 214, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 71.9021, -44.4076, 9.6587 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(41, 214, 176) }
```


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

```
.border{ border-color:rgb(41, 214, 176) }
```

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

Here you see how a box with a 4 pixel rgb(41, 214, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(41, 214,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.9021, -44.4076, 9.6587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 214, 176) }
```

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

```
.background{ background-color: rgb(41, 214,  
176) }
```

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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