

Converting Colors

HunterLab(70.6165, -33.8779,
-14.8052)

Have a look what the booklet for
HunterLab(70.6165, -33.8779,
-14.8052) contains.

HunterLab(70.6292, -34.0365, -14.4987)	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(70.6292,
-34.0365, -14.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	06CFDD
RGB	6, 207, 221
RGB Percent	2%, 81%, 87%
CMY	0.9763, 0.1882, 0.1333
CMYK	0.97, 0.06, 0.00, 0.13
HSL	184°, 95%, 45%
HSV	184°, 97%, 87%
XYZ	35.4391, 49.8848, 76.1675
YIQ	148.4970, -124.2900, -38.2580

Conversions

Conversions Part 2

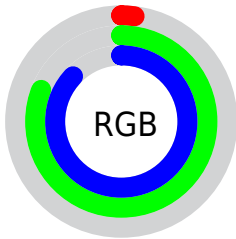
Format	Color
RYB	6, 110, 221
Decimal	446429
CIELab	76.00, -36.67, -18.92
CIELCh	76, 41.264, 207.294
Yxy	49.8867, 0.2195, 0.3089
Android (android.graphics.Color)	4278636509 (0xFF06CFDD)
YUV	148.4970, 35.7440, -124.9699
Hunter-Lab	70.6292, -34.0365, -14.4987

Details

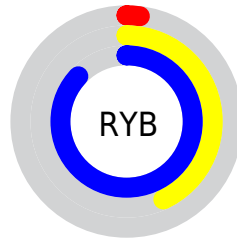
The HunterLab color **70.6292, -34.0365, -14.4987** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **39.8596, 65.0558, 25.4415**, and the grayscale version is **54.5228, -2.9092, 2.9623**.

A 20% lighter version of the original color is **90.5842, -39.8161, -6.8030**, and **50.2092, -23.4786, -12.0735** is the 20% darker color. If you saturate the color by 10%, you get **70.4675, -33.9778, -14.7298**, and if you desaturate by 10%, it is **71.2722, -34.0683, -13.5857**.

Distribution



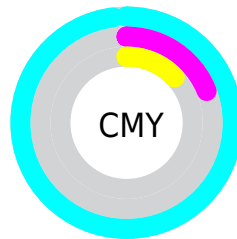
- Red (2%)
- Green (81%)
- Blue (87%)



- Red (2%)
- Yellow (43%)
- Blue (87%)



- Cyan (97%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6292, -34.0365, -14.4987 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 70.6292, -34.0365, -14.4987 by changing the saturation by 10% instead.

70.6292, -34.0365,
-14.4987

70.6292, -34.0365,
-14.4987

196.5255,
-55.1021, -13.6661

59.4334, -31.4155,
-14.3246

94.8720, -39.0308,
-14.6626

48.9000, -28.6825,
-14.0864

107.8576,
-41.4350, -14.6615

39.0748, -25.8038,
-13.7802

121.3870,
-43.7918, -14.6091

30.0133, -22.7297,
-13.4059

135.4390,
-46.1094, -14.5082

21.7862, -19.3823,
-12.9718

149.9950,
-48.3944, -14.3612

14.4887, -15.6429,
-12.5133

165.0381,

8.1498, -14.2622,

-50.6520, -14.1705

-12.4904

180.5528,
-52.8866, -13.9382

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.6292, -34.0365,
-14.4987

■ 70.6292, -34.0365,
-14.4987

■ 70.4675, -33.9778,
-14.7298

■ 71.2722, -34.0683,
-13.5857

■ 72.0693, -33.4978,
-12.4552

■ 73.0480, -32.2294,
-11.0760

■ 74.2242, -30.2143,
-9.4361

■ 75.6081, -27.4331,

-7.5344

■ 77.2054, -23.8902,
-5.3783

■ 79.0178, -19.6096,
-2.9816

■ 81.0442, -14.6299,
-0.3623

■ 83.2809, -9.0001,
2.4585

Harmonies

Analogous

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



70.6305, -37.3896, 5.5038



70.6292, -34.0365, -14.4987



70.6305, -22.8698, -33.1321

Triad

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



70.6305, -34.0364, -14.4977



70.6305, 30.5417, -18.2123



70.6305, -1.9980, 30.9537

Complementary

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



70.6292, -34.0365, -14.4987



39.8596, 65.0558, 25.4415

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.



70.6305, 17.5978, 27.7118



70.6292, -34.0365, -14.4987



70.6305, 37.6127, 2.1441

Square

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



70.6305, -34.0364, -14.4977



70.6305, 14.2132, -35.6530



70.6305, 32.6397, 18.2936



70.6305, -20.1210, 28.7207

Rectangle

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



70.6292, -34.0365, -14.4987



70.6305, -11.8132, -40.4243



70.6305, 32.6397, 18.2936



70.6305, 4.6449, 30.4943

Sweetspot

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



70.6305, -34.0364, -14.4977



92.4854, -24.1209, -4.0838



71.9670, -61.3745, 42.8410



42.3595, -12.1760, -2.4550

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.6305, -34.0364, -14.4977



82.8240, -39.9009, -17.3882



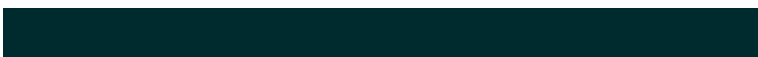
38.6220, 15.3972, -80.9464



38.3102, -4.7546, 0.8473



53.7691, -25.9717, -11.1411



13.8482, -6.8100, -2.6082

Inverse Universe

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



44.7314, 85.9198, -49.1794



52.3986, 101.5590, -57.8044



54.6536, 25.5082, 33.9352



36.4135, 2.8256, -1.0406



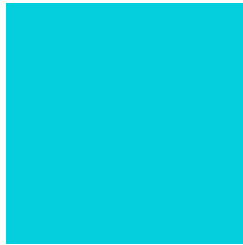
33.9740, 65.8709, -37.6531



8.6734, 16.8569, -9.9250

Previews

White Background



This preview shows how the HunterLab color 70.6292, -34.0365, -14.4987 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 70.6292, -34.0365, -14.4987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

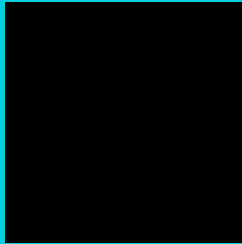
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

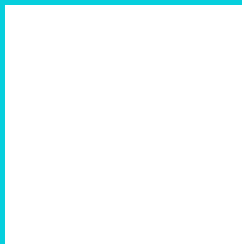
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.6292, -34.0365, -14.4987 Background



This preview shows how black text looks on a background with the HunterLab color 70.6292, -34.0365, -14.4987.



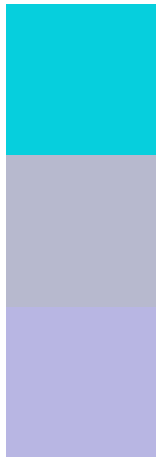
This preview shows how white text looks on a background with the HunterLab color 70.6292, -34.0365, -14.4987.

-34.0365, -14.4987.

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

70.6292, -34.0365, -14.4987

Protanopia

70.1580, -0.6064, -6.1267

Deuteranopia

70.1372, 5.4272, -18.1204



Tritanopia

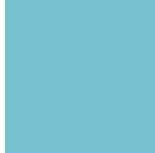
70.7686, -33.3408, -15.4650

Trichromacy



Original Color

70.6292, -34.0365, -14.4987



Protanomaly

68.3850, -19.3482, -11.6319



Deuteranomaly

68.2787, -15.3629, -20.0523



Tritanomaly

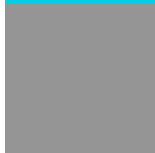
70.7057, -33.6622, -14.9704

Monochromacy



Original Color

70.6292, -34.0365, -14.4987



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

58.6396, -20.3018, -5.2293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6292, -34.0365, -14.4987 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(6, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(6, 207, 221)  
}
```

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(6, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 207, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6292, -34.0365, -14.4987 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(6, 207, 221) }
```


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

```
.border{ border-color:rgb(6, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(6, 207,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.6292, -34.0365, -14.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 207, 221) }
```

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

```
.background{ background-color: rgb(6, 207,  
221) }
```

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