

Converting Colors

HunterLab(69.8966, -13.9579,
33.3488)

Have a look what the booklet for
HunterLab(69.8966, -13.9579,
33.3488) contains.

HunterLab(70.0064, -14.1024, 33.5184)	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(70.0064,
-14.1024, 33.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BE60
RGB	193, 190, 96
RGB Percent	76%, 75%, 38%
CMY	0.2431, 0.2549, 0.6235
CMYK	0.00, 0.02, 0.50, 0.24
HSL	58°, 44%, 57%
HSV	58°, 50%, 76%
XYZ	42.5171, 49.0090, 18.2851
YIQ	180.1810, 31.9620, -28.5980

Conversions

Conversions Part 2

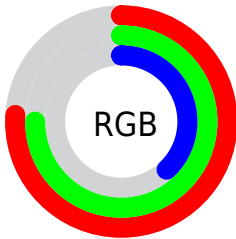
Format	Color
RYB	99, 193, 96
Decimal	12697184
CIELab	75.46, -11.82, 47.34
CIELCh	75, 48.795, 104.017
Yxy	49.0112, 0.3872, 0.4463
Android (android.graphics.Color)	4290887264 (0xFFC1BE60)
YUV	180.1810, -41.5012, 11.2423
Hunter-Lab	70.0064, -14.1024, 33.5184

Details

The HunterLab color $70.0064, -14.1024, 33.5184$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $39.0645, 18.0501, -52.1860$, and the grayscale version is $67.7937, -3.6173, 3.6834$.

A 20% lighter version of the original color is $94.1226, -16.4791, 39.7983$, and $48.3727, -11.8249, 26.5571$ is the 20% darker color. If you saturate the color by 10%, you get $69.5993, -15.0898, 36.6882$, and if you desaturate by 10%, it is $70.4770, -12.7853, 29.4818$.

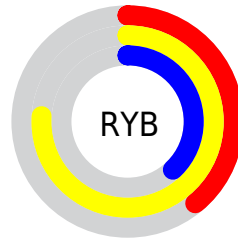
Distribution



Red (76%)

Green (75%)

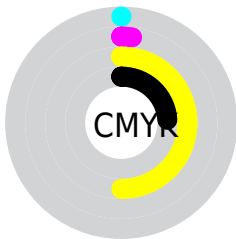
Blue (38%)



Red (39%)

Yellow (76%)

Blue (38%)

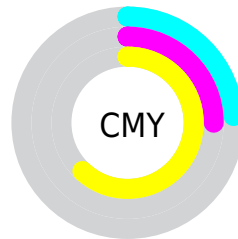


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.0064, -14.1024, 33.5184 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 70.0064, -14.1024, 33.5184 by changing the saturation by 10% instead.


 70.0064, -14.1024,
33.5184


 70.0064, -14.1024,
33.5184


195.6493,
-25.2707, 59.7488


 58.8459, -12.8891,
30.1252


 94.1850, -16.5357,
39.9027

 48.3495, -11.6673,
26.5580

 107.1405,
-17.7572, 42.9361

 38.5642, -10.4319,
22.7798


 120.6410,
-18.9856, 45.8858

 29.5458, -9.1716,
18.7470

 134.6653,
-20.2223, 48.7644

 21.3664, -7.8684,
14.9564

149.1944,
-21.4684, 51.5821

 14.1226, -6.4893,
9.8859

164.2115,

 7.7735, -7.0402,

-22.7247, 54.3475

5.4414

179.7011,
-23.9920, 57.0678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0064, -14.1024,
33.5184

■ 70.0064, -14.1024,
33.5184

■ 69.5993, -15.0898,
36.6882

■ 70.4770, -12.7853,
29.4818

■ 69.2473, -15.7583,
39.0344

■ 71.0092, -11.1186,
24.5444

■ 68.9475, -16.1340,
40.6183

■ 71.6070, -9.0965,
18.6866

■ 68.6942, -16.2481,
41.5204

■ 72.2721, -6.7145,
11.8983

■ 68.4804, -16.1733,

■ 73.0059, -3.9719,

41.9142

4.1788

■ 73.8092, -0.8711,
-4.4642

■ 74.6825, 2.5824,
-14.0155

■ 75.6260, 6.3807,
-24.4536

■ 75.9952, 7.0926,
-26.8591

Harmonies

Analogous

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



70.0080, 8.8239, 33.3358



70.0064, -14.1024, 33.5184



70.0080, -31.8261, 27.7665

Triad

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



70.0080, -14.1047, 33.5190



70.0080, -32.7171, -32.0612



70.0080, 43.9062, -8.7543

Complementary

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



70.0064, -14.1024, 33.5184



39.0645, 18.0501, -52.1860

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.



70.0080, 29.6196, -33.5734



70.0064, -14.1024, 33.5184



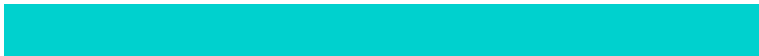
70.0080, -15.4744, -49.7116

Square

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



70.0080, -14.1047, 33.5190



70.0080, -41.5977, -7.1320



70.0080, 7.2668, -50.3402



70.0080, 44.3971, 13.2302

Rectangle

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



70.0064, -14.1024, 33.5184



70.0080, -39.1384, 19.8125



70.0080, 7.2668, -50.3402



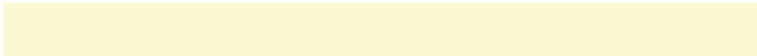
70.0080, 40.4828, -17.1749

Sweetspot

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



70.0080, -14.1047, 33.5190



96.2665, -10.6330, 20.6011



45.3972, 32.3753, 13.0461



44.5018, -5.2337, 10.4232



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



70.0080, -14.1047, 33.5190



93.1095, -20.2687, 49.3479



67.2723, -29.2460, 31.1870



34.2100, -3.0674, 5.3211



55.8694, -13.2201, 34.1950



11.6862, -2.8556, 7.1510

Inverse Universe

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



39.0645, 18.0501, -52.1860



44.2973, 33.2957, -93.0646



42.3116, 30.7424, -44.0864



31.2997, -0.2960, -2.0950



16.3357, 41.9576, -110.9926



3.6451, 7.7113, -21.2025

Previews

White Background



This preview shows how the HunterLab color 70.0064, -14.1024, 33.5184 looks on a white background.

Color Contrast Check

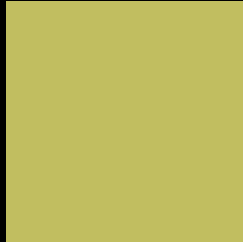
Large Text (above 18pt) WCAG AA × Fail

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 70.0064, -14.1024, 33.5184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

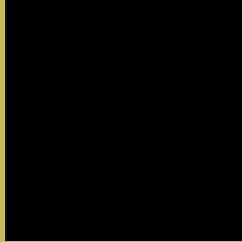
Any Text WCAG AA ✓ Pass

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 70.0064, -14.1024, 33.5184 Background



This preview shows how black text looks on a background with the HunterLab color 70.0064, -14.1024, 33.5184.



This preview shows how white text looks on a background with the HunterLab color 70.0064,

-14.1024, 33.5184.

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

70.0064, -14.1024, 33.5184

Protanopia

69.9451, -8.0709, 33.7813

Deuteranopia

69.8850, 5.3324, 33.1414



Tritanopia

69.8477, 6.5013, 0.3275

Trichromacy



Original Color

70.0064, -14.1024, 33.5184

Protanomaly

69.8458, -9.9786, 33.6737

Deuteranomaly

69.8461, -2.2269, 33.1910

Tritanomaly

69.6259, -2.2277, 15.3184

Monochromacy



Original Color

70.0064, -14.1024, 33.5184

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

68.3851, -8.5494, 17.3368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0064, -14.1024, 33.5184 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(193, 190, 96)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 96)  
}
```

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(193, 190, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0064, -14.1024, 33.5184 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(193, 190, 96) }
```


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

```
.border{ border-color:rgb(193, 190, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 96);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0064, -14.1024, 33.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 96) }
```

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

```
.background{ background-color: rgb(193,  
190, 96) }
```

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