

Converting Colors

HunterLab(50.3632, 31.1527,
-34.9306)

Have a look what the booklet for
HunterLab(50.3632, 31.1527,
-34.9306) contains.

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Color

**HunterLab(50.3474, 31.0250,
-34.9683)**

Conversions

Conversions Part 1

Format	Color
Hex	AA74CB
RGB	170, 116, 203
RGB Percent	67%, 45%, 80%
CMY	0.3333, 0.5451, 0.2039
CMYK	0.16, 0.43, 0.00, 0.20
HSL	277°, 46%, 63%
HSV	277°, 43%, 80%
XYZ	33.6024, 25.3486, 59.6216
YIQ	142.0640, 4.2570, 38.5050

Conversions

Conversions Part 2

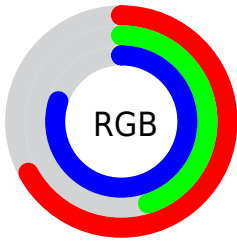
Format	Color
R _Y B	170, 116, 203
Decimal	11171019
CIE Lab	57.41, 37.11, -37.05
CIE LCh	57, 52.436, 315.048
Yxy	25.3496, 0.2834, 0.2138
Android (android.graphics.Color)	4289361099 (0xFFAA74CB)
YUV	142.0640, 30.0414, 24.4999
Hunter-Lab	50.3474, 31.0250, -34.9683

Details

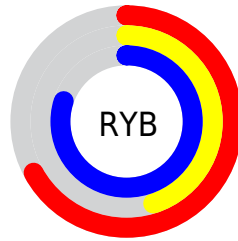
The HunterLab color $50.3474, 31.0250, -34.9683$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $70.9669, -31.3703, 29.3751$, and the grayscale version is $51.9185, -2.7702, 2.8208$.

A 20% lighter version of the original color is $72.0603, 32.2217, -32.8744$, and $31.2211, 28.2408, -33.4726$ is the 20% darker color. If you saturate the color by 10%, you get $45.0961, 39.4211, -45.8055$, and if you desaturate by 10%, it is $56.0674, 22.6015, -24.8037$.

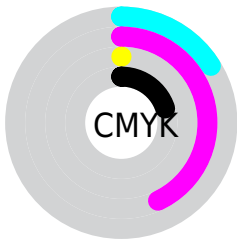
Distribution



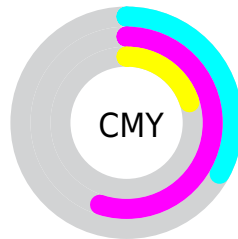
- Red (67%)
- Green (45%)
- Blue (80%)



- Red (67%)
- Yellow (45%)
- Blue (80%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3474, 31.0250, -34.9683 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 50.3474, 31.0250, -34.9683 by changing the saturation by 10% instead.

50.3474, 31.0250,
-34.9683

50.3474, 31.0250,
-34.9683

167.2049, 38.3080,
-39.3222

40.4200, 29.7342,
-34.3271

72.2661, 33.2587,
-36.2322

31.2465, 28.3177,
-33.7486

84.1754, 34.2224,
-36.8158

22.8963, 26.7721,
-33.3547

96.6754, 35.0949,
-37.3549

15.4602, 25.1204,
-33.4477

109.7394, 35.8832,
-37.8460

9.0600, 23.5444,
-34.9844

123.3439, 36.5935,
-38.2880

0.0000, INF, -NF

0.0000, NaN, -NF

137.4683, 37.2314,

-38.6809

0.0000, NaN, NaN

152.0942, 37.8015,
-39.0253

0.0000, NaN, NaN

■ 50.3474, 31.0250,
-34.9683

■ 50.3474, 31.0250,
-34.9683

■ 45.0961, 39.4211,
-45.8055

■ 56.0674, 22.6015,
-24.8037

■ 40.4081, 47.5159,
-57.1707

■ 62.1741, 14.2861,
-15.3180

■ 36.3978, 54.8160,
-68.6480

■ 68.6067, 6.1272,
-6.4452

■ 33.1794, 60.5943,
-79.4575

■ 75.3173, -1.8685,
1.9002

■ 30.8304, 64.0508,
-88.5372

■ 82.2680, -9.7141,
9.8038

■ 29.5762, 65.2285,
-93.8966

■ 89.4295, -17.4303,
17.3423

■ 95.7410, -23.5223,
23.5941

■ 96.3955, -21.1284,
24.2770

■ 97.0747, -18.6624,
24.9818

Harmonies

Analogous

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



50.3484, 8.8164, -53.9558



50.3474, 31.0250, -34.9683



50.3484, 45.2552, -8.8355

Triad

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



50.3484, 31.0240, -34.9668



50.3484, 8.7422, 28.2314



50.3484, -37.4847, -8.9151

Complementary

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



50.3474, 31.0250, -34.9683



70.9669, -31.3703, 29.3751

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.



50.3484, -37.4976, 12.0887



50.3474, 31.0250, -34.9683



50.3484, -13.2462, 28.2251

Square

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



50.3484, 31.0240, -34.9668



50.3484, 30.9616, 23.7657



50.3484, -29.3542, 23.7420



50.3484, -29.3152, -35.0462

Rectangle

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



50.3474, 31.0250, -34.9683



50.3484, 46.9759, 6.1667



50.3484, -29.3542, 23.7420



50.3484, -38.3904, -0.9446

Sweetspot

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



50.3484, 31.0240, -34.9668



88.5074, 8.2611, -8.6941



54.4349, -0.8685, -28.0123



40.0721, 4.9066, -5.1834

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3484, 31.0240, -34.9668



59.1180, 49.7462, -57.5839



53.8811, 39.8239, -21.5224



33.4409, 1.5778, -1.6532



23.7076, 52.1740, -74.4008



5.7671, 12.3309, -15.3005

Inverse Universe

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



52.3050, 32.3447, 0.5645



62.4351, 51.5111, 1.2114



69.2356, -37.7984, 25.0533



33.5900, 1.7205, 1.3357



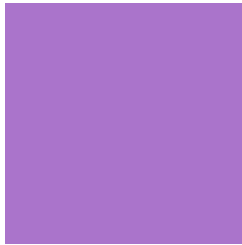
29.0472, 50.9748, 9.2312



6.7078, 11.9808, 0.5088

Previews

White Background



This preview shows how the HunterLab color 50.3474, 31.0250, -34.9683 looks on a white background.

Color Contrast Check

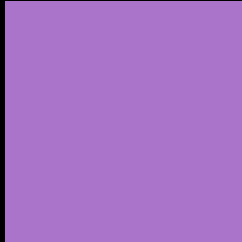
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3474, 31.0250, -34.9683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

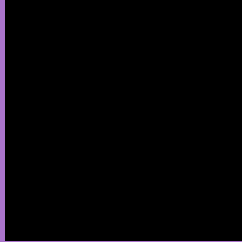
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 50.3474, 31.0250, -34.9683 Background



This preview shows how black text looks on a background with the HunterLab color 50.3474, 31.0250, -34.9683.



This preview shows how white text looks on a background with the HunterLab color 50.3474, 31.0250, -34.9683.

-34.9683.

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

50.3474, 31.0250, -34.9683

Protanopia

50.5563, 8.7132, -48.1020

Deuteranopia

50.5888, 3.8935, -32.0857



Tritanopia

50.3312, 8.4332, 1.9343

Trichromacy



Original Color

50.3474, 31.0250, -34.9683

Protanomaly

49.9605, 15.8596, -44.4352

Deuteranomaly

49.9389, 13.0719, -33.8746

Tritanomaly

50.2037, 16.1578, -9.7035

Monochromacy



Original Color

50.3474, 31.0250, -34.9683

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.1183, 8.4463, -9.0898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3474, 31.0250, -34.9683 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(170, 116, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 116, 203)  
}
```

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(170, 116, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 116, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3474, 31.0250, -34.9683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

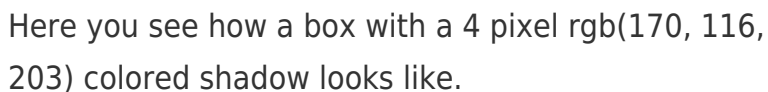
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 116, 203) }
```


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

```
.border{ border-color:rgb(170, 116, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 116, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 116, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 116, 203); box-shadow:4px 4px 4px 4px rgb(170, 116, 203) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3474, 31.0250, -34.9683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 116, 203) }
```

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

```
.background{ background-color: rgb(170,  
116, 203) }
```

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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