

Converting Colors

HunterLab(55.6952, 34.0858,
-14.2755)

Have a look what the booklet for
HunterLab(55.6952, 34.0858,
-14.2755) contains.

HunterLab(55.7223, 34.1398, -14.4952)	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(55.7223, 34.1398,
-14.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7DBA
RGB	204, 125, 186
RGB Percent	80%, 49%, 73%
CMY	0.2000, 0.5098, 0.2706
CMYK	0.00, 0.39, 0.09, 0.20
HSL	314°, 44%, 65%
HSV	314°, 39%, 80%
XYZ	41.0983, 31.0497, 50.2815
YIQ	155.5750, 27.5030, 35.7190

Conversions

Conversions Part 2

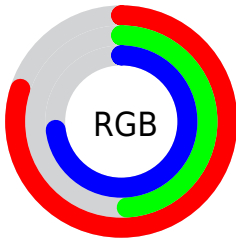
Format	Color
R_{YB}	204, 125, 186
Decimal	13401530
CIE _{Lab}	62.55, 39.51, -19.16
CIE _{LCh}	63, 43.914, 334.135
Yxy	31.0512, 0.3357, 0.2536
Android (android.graphics.Color)	4291591610 (0xFFCC7DBA)
YUV	155.5750, 14.9995, 42.4687
Hunter-Lab	55.7223, 34.1398, -14.4952

Details

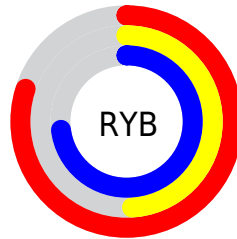
The HunterLab color $55.7223, 34.1398, -14.4952$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $70.3774, -34.3649, 20.8703$, and the grayscale version is $57.4199, -3.0638, 3.1197$.

A 20% lighter version of the original color is $77.4022, 33.7868, -16.0609$, and $35.8983, 31.1317, -13.9843$ is the 20% darker color. If you saturate the color by 10%, you get $51.1967, 43.9066, -18.5308$, and if you desaturate by 10%, it is $60.7935, 24.1385, -9.9908$.

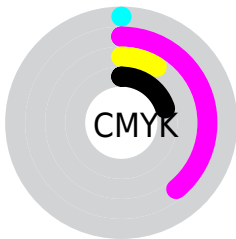
Distribution



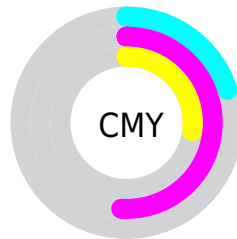
- Red (80%)
- Green (49%)
- Blue (73%)



- Red (80%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7223, 34.1398, -14.4952 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 55.7223, 34.1398, -14.4952 by changing the saturation by 10% instead.

■ 55.7223, 34.1398,
-14.4952

■ 55.7223, 34.1398,
-14.4952

175.1496, 41.8171,
-14.3345

■ 45.4289, 32.8151,
-14.2246

■ 78.3075, 36.4491,
-14.8369

■ 35.8602, 31.3703,
-13.8872

■ 90.5238, 37.4551,
-14.9178

■ 27.0774, 29.7998,
-13.4840

■ 103.3165, 38.3716,
-14.9429

■ 19.1586, 28.1169,
-13.0302

116.6609, 39.2051,
-14.9155

■ 12.2107, 26.3971,
-12.5852

130.5349, 39.9616,
-14.8384

■ 5.3140, 34.2593,
-16.5921

144.9191, 40.6461,

0.0000, INF, -NF

-14.7143

0.0000, NaN, NaN

159.7959, 41.2633,
-14.5457

0.0000, NaN, NaN

■ 55.7223, 34.1398,
-14.4952

■ 55.7223, 34.1398,
-14.4952

■ 51.1967, 43.9066,
-18.5308

■ 60.7935, 24.1385,
-9.9908

■ 47.2996, 53.0630,
-21.8709

■ 66.3270, 14.1471,
-5.1918

■ 44.1169, 61.0748,
-24.2371

■ 72.2561, 4.2924,
-0.2118

■ 41.7132, 67.3325,
-25.3630

■ 78.5241, -5.3679,
4.8756

■ 40.1076, 71.3290,
-25.0926

■ 85.0847, -14.8181,
10.0253

■ 39.2001, 73.0677,
-23.5673

■ 91.9003, -24.0655,
15.2106

■ 39.1018, 73.2337,
-23.3426

■ 94.5768, -27.0008,
15.9908

■ 94.7076, -26.2544,
14.1111

■ 94.8419, -25.4894,
12.1845

Harmonies

Analogous

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



55.7236, 19.2046, -34.4003



55.7223, 34.1398, -14.4952



55.7236, 38.6645, 5.4980

Triad

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



55.7236, 34.1377, -14.4938



55.7236, -5.6041, 27.8645



55.7236, -30.2725, -20.3926

Complementary

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



55.7223, 34.1398, -14.4952



70.3774, -34.3649, 20.8703

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.



55.7236, -35.1244, 0.4504



55.7223, 34.1398, -14.4952



55.7236, -22.1524, 24.9193

Square

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



55.7236, 34.1377, -14.4938



55.7236, 13.9966, 26.2272



55.7236, -32.3640, 16.2413



55.7236, -18.1331, -38.5351

Rectangle

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



55.7223, 34.1398, -14.4952



55.7236, 34.7238, 15.5283



55.7236, -32.3640, 16.2413



55.7236, -32.7295, -13.2560

Sweetspot

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



55.7236, 34.1377, -14.4938



90.3137, 9.8517, -2.4922



49.7892, 18.3053, -37.0280



41.3133, 5.3332, -1.5466

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.7236, 34.1377, -14.4938



67.0578, 53.8793, -22.8076



54.4286, 27.8411, 3.7830



33.7021, 2.3216, -0.2583



31.0452, 58.1843, -18.8417



7.1289, 13.4902, -5.3292

Inverse Universe

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



55.7236, 34.1377, -14.4938



67.0578, 53.8793, -22.8076



71.3499, -28.6565, 6.8597



33.7021, 2.3216, -0.2583



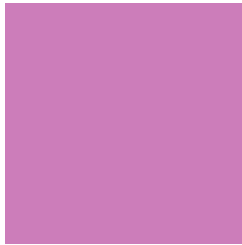
31.0452, 58.1843, -18.8417



7.1289, 13.4902, -5.3292

Previews

White Background



This preview shows how the HunterLab color 55.7223, 34.1398, -14.4952 looks on a white background.

Color Contrast Check

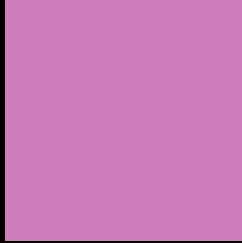
Large Text (above 18pt) WCAG AA × Fail

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 55.7223, 34.1398, -14.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

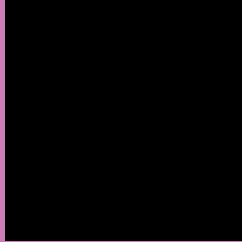
Any Text WCAG AA ✓ Pass

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 55.7223, 34.1398, -14.4952 Background



This preview shows how black text looks on a background with the HunterLab color 55.7223, 34.1398, -14.4952.



This preview shows how white text looks on a background with the HunterLab color 55.7223, 34.1398, -14.4952.

-14.4952.

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

55.7223, 34.1398, -14.4952

Protanopia

56.0416, 3.7203, -25.8404

Deuteranopia

55.8861, 4.3505, -12.4385



Tritanopia

55.6155, 21.3449, 6.5148

Trichromacy



Original Color

55.7223, 34.1398, -14.4952

Protanomaly

55.3697, 13.6816, -22.2053

Deuteranomaly

55.5275, 14.4385, -13.3668

Tritanomaly

55.5752, 25.8480, -0.2958

Monochromacy



Original Color

55.7223, 34.1398, -14.4952

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

56.5023, 9.5879, -3.3787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7223, 34.1398, -14.4952 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(204, 125, 186)` looks like.

```
.text, #text, p{  
    color:rgb(204, 125, 186)  
}
```

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(204, 125, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 125, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7223, 34.1398, -14.4952 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(204, 125, 186) }
```


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

```
.border{ border-color:rgb(204, 125, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 125, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 125, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 125, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 125,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7223, 34.1398, -14.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 125, 186) }
```

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

```
.background{ background-color: rgb(204,  
125, 186) }
```

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