

Converting Colors

HunterLab(48.9779, 50.9943,
-32.1692)

Have a look what the booklet for
HunterLab(48.9779, 50.9943,
-32.1692) contains.

HunterLab(48.9452, 50.8556, -32.2123)	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(48.9452, 50.8556,
-32.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	C75DC4
RGB	199, 93, 196
RGB Percent	78%, 36%, 77%
CMY	0.2196, 0.6353, 0.2314
CMYK	0.00, 0.53, 0.02, 0.22
HSL	302°, 49%, 57%
HSV	302°, 53%, 78%
XYZ	37.4313, 23.9563, 54.8757
YIQ	136.4360, 30.1130, 54.5050

Conversions

Conversions Part 2

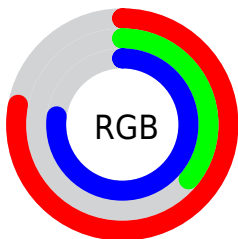
Format	Color
R_{YB}	199, 93, 196
Decimal	13065668
CIE _{Lab}	56.05, 55.96, -34.95
CIE _{LCh}	56, 65.975, 328.016
Yxy	23.9574, 0.3220, 0.2061
Android (android.graphics.Color)	4291255748 (0xFFC75DC4)
YUV	136.4360, 29.3651, 54.8686
Hunter-Lab	48.9452, 50.8556, -32.2123

Details

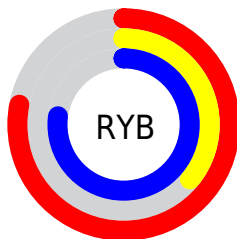
The HunterLab color $48.9452, 50.8556, -32.2123$ is a light color, and the websafe version is hex $CC66CC$. The color can be described as light muted magenta. A complement of this color would be $66.3472, -43.3324, 30.2337$, and the grayscale version is $49.6716, -2.6504, 2.6988$.

A 20% lighter version of the original color is $70.3787, 53.2595, -33.9874$, and $30.0448, 46.6347, -31.1714$ is the 20% darker color. If you saturate the color by 10%, you get $45.6958, 60.0437, -38.1172$, and if you desaturate by 10%, it is $52.8608, 40.7966, -25.6677$.

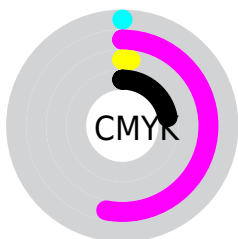
Distribution



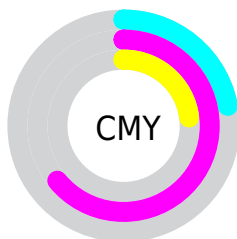
- Red (78%)
- Green (36%)
- Blue (77%)



- Red (78%)
- Yellow (36%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9452, 50.8556, -32.2123 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 48.9452, 50.8556, -32.2123 by changing the saturation by 10% instead.

48.9452, 50.8556,
-32.2123

48.9452, 50.8556,
-32.2123

165.1076, 64.0464,
-36.2200

39.1178, 48.8963,
-31.5845

70.6829, 54.4606,
-33.4213

30.0527, 46.8599,
-31.0041

82.5090, 56.1063,
-33.9694

21.8216, 44.8086,
-30.5845

94.9298, 57.6515,
-34.4696

14.5196, 42.9322,
-30.6171

107.9179, 59.1011,
-34.9196

8.1807, 42.7853,
-32.5755

121.4497, 60.4604,
-35.3190

0.0000, INF, -NF

0.0000, NaN, -NF

135.5041, 61.7346,

-35.6681

0.0000, NaN, NaN

150.0624, 62.9284,
-35.9680

0.0000, NaN, NaN

■ 48.9452, 50.8556,
-32.2123

■ 48.9452, 50.8556,
-32.2123

■ 45.6958, 60.0437,
-38.1172

■ 52.8608, 40.7966,
-25.6677

■ 43.1759, 67.7849,
-43.0047

■ 57.3595, 30.3448,
-18.8043

■ 41.4198, 73.5154,
-46.5114

■ 62.3629, 19.8218,
-11.8410

■ 40.4033, 76.9064,
-48.4361

■ 67.7992, 9.4200,
-4.9128

■ 40.0112, 78.1841,
-49.0571

■ 73.6064, -0.7632,
1.9086

■ 79.7331, -10.6908,
8.5922

■ 86.1367, -20.3612,
15.1317

■ 92.7828, -29.7909,
21.5334

■ 93.7458, -31.0271,
22.2464

Harmonies

Analogous

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



48.9463, 24.8097, -65.8826



48.9452, 50.8556, -32.2123



48.9463, 62.3068, 0.8888

Triad

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



48.9463, 50.8536, -32.2106



48.9463, -0.7682, 30.9987



48.9463, -41.1235, -27.3756

Complementary

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



48.9452, 50.8556, -32.2123



66.3472, -43.3324, 30.2337

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.



48.9463, -45.0735, 4.3757



48.9452, 50.8556, -32.2123



48.9463, -25.0765, 29.5286

Square

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



48.9463, 50.8536, -32.2106



48.9463, 28.6935, 29.0196



48.9463, -39.9030, 22.5338



48.9463, -27.6125, -62.1682

Rectangle

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



48.9452, 50.8556, -32.2123



48.9463, 58.5715, 15.8180



48.9463, -39.9030, 22.5338



48.9463, -43.4623, -15.6053

Sweetspot

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



48.9463, 50.8536, -32.2106



87.5216, 16.5270, -9.2123



37.9128, 22.7280, -60.7409



39.7910, 8.9743, -5.1472

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9463, 50.8536, -32.2106



59.8378, 81.3218, -51.6286



46.8964, 41.7127, -3.8510



32.8805, 2.5536, -1.0564



32.0878, 62.7069, -39.3846



6.9943, 13.6866, -8.7256

Inverse Universe

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



48.9463, 50.8536, -32.2106



59.8378, 81.3218, -51.6286



67.3095, -37.5297, 16.2239



32.8805, 2.5536, -1.0564



32.0878, 62.7069, -39.3846



6.9943, 13.6866, -8.7256

Previews

White Background



This preview shows how the HunterLab color 48.9452, 50.8556, -32.2123 looks on a white background.

Color Contrast Check

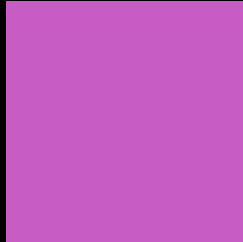
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9452, 50.8556, -32.2123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

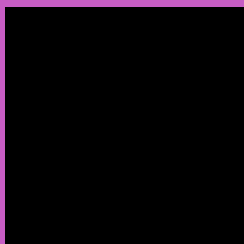
Any Text WCAG AA ✓ Pass

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 48.9452, 50.8556, -32.2123 Background



This preview shows how black text looks on a background with the HunterLab color 48.9452, 50.8556, -32.2123.



This preview shows how white text looks on a background with the HunterLab color 48.9452, 50.8556, -32.2123.

-32.2123.

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

48.9452, 50.8556, -32.2123

Protanopia

49.4842, 10.4668, -58.1430

Deuteranopia

49.1550, 3.9469, -27.7124



Tritanopia

48.8790, 25.5501, 9.0122

Trichromacy



Original Color

48.9452, 50.8556, -32.2123



Protanomaly

47.8248, 22.7483, -51.5153



Deuteranomaly

47.8264, 20.2355, -31.9978



Tritanomaly

48.5579, 34.0870, -3.6912

Monochromacy



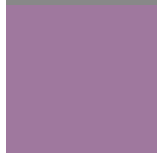
Original Color

48.9452, 50.8556, -32.2123



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

48.2416, 16.1693, -9.7468

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9452, 50.8556, -32.2123 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(199, 93, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 93, 196)  
}
```

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(199, 93, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 93, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9452, 50.8556, -32.2123 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(199, 93, 196) }
```


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

```
.border{ border-color:rgb(199, 93, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 93, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 93, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 93, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 93,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9452, 50.8556, -32.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 93, 196) }
```

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

```
.background{ background-color: rgb(199, 93,  
196) }
```

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