

Converting Colors

HunterLab(49.5507, 63.4058,
-51.0473)

Have a look what the booklet for
HunterLab(49.5507, 63.4058,
-51.0473) contains.

HunterLab(49.5805, 63.4768, -50.9782)	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(49.5805, 63.4768,
-50.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	CE53DE
RGB	206, 83, 222
RGB Percent	81%, 33%, 87%
CMY	0.1921, 0.6745, 0.1294
CMYK	0.07, 0.63, 0.00, 0.13
HSL	293°, 68%, 60%
HSV	293°, 63%, 87%
XYZ	41.7317, 24.5823, 71.6526
YIQ	135.6230, 28.6890, 69.3050

Conversions

Conversions Part 2

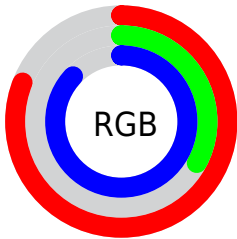
Format	Color
R _{YB}	206, 83, 222
Decimal	13521886
CIE _{Lab}	56.67, 66.81, -48.67
CIE _{LCh}	57, 82.658, 323.924
Yxy	24.5833, 0.3025, 0.1782
Android (android.graphics.Color)	4291711966 (0xFFCE53DE)
YUV	135.6230, 42.5839, 61.7206
Hunter-Lab	49.5805, 63.4768, -50.9782

Details

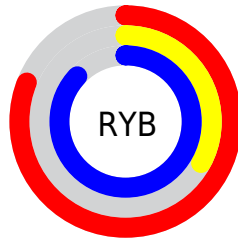
The HunterLab color $49.5805, 63.4768, -50.9782$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $74.5120, -51.7512, 38.4953$, and the grayscale version is $49.2988, -2.6305, 2.6785$.

A 20% lighter version of the original color is $68.7286, 58.0679, -38.2484$, and $30.5564, 58.9176, -50.1406$ is the 20% darker color. If you saturate the color by 10%, you get $46.2060, 72.0949, -58.9425$, and if you desaturate by 10%, it is $53.7678, 53.3956, -42.1391$.

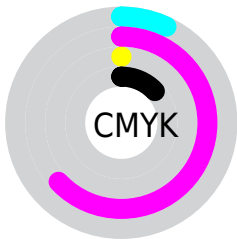
Distribution



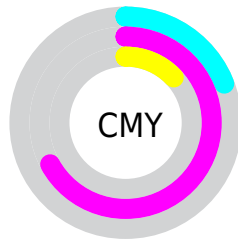
- Red (81%)
- Green (33%)
- Blue (87%)



- Red (81%)
- Yellow (33%)
- Blue (87%)



- Cyan (7%)
- Magenta (63%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5805, 63.4768, -50.9782 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 49.5805, 63.4768, -50.9782 by changing the saturation by 10% instead.

49.5805, 63.4768,
-50.9782

49.5805, 63.4768,
-50.9782

166.0592, 79.5810,
-57.0231

39.7076, 61.2469,
-50.4321

71.4006, 67.7037,
-52.3781

30.5931, 58.9987,
-50.1596

83.2646, 69.6771,
-53.1204

22.3076, 56.8506,
-50.4567

95.7214, 71.5534,
-53.8526

14.9445, 55.1226,
-52.0416

108.7441, 73.3346,
-54.5604

8.5913, 55.3040,
-57.4630

122.3089, 75.0240,
-55.2355

0.0000, INF, -NF

0.0000, NaN, -NF

136.3952, 76.6255,

-55.8726

0.0000, NaN, NaN

150.9842, 78.1432,
-56.4690

■ 49.5805, 63.4768,
-50.9782

■ 49.5805, 63.4768,
-50.9782

■ 46.2060, 72.0949,
-58.9425

■ 53.7678, 53.3956,
-42.1391

■ 43.7054, 78.5327,
-65.4443

■ 58.6712, 42.5165,
-32.9393

■ 42.0810, 82.2603,
-69.9989

■ 64.1927, 31.3214,
-23.7259

■ 41.3157, 83.5190,
-72.2521

■ 70.2409, 20.1134,
-14.6991

■ 76.7370, 9.0570,
-5.9517

■ 83.6156, -1.7736,
2.4897

■ 90.8234, -12.3579,
10.6348

■ 96.4544, -19.9164,
16.6060

■ 96.6705, -19.1326,
16.8478

Harmonies

Analogous

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



49.5816, 27.3519, -97.1532



49.5805, 63.4768, -50.9782



49.5816, 82.4729, -4.4859

Triad

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



49.5816, 63.4751, -50.9762



49.5816, 4.5996, 33.4046



49.5816, -50.0196, -30.4784

Complementary

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



49.5805, 63.4768, -50.9782



74.5120, -51.7512, 38.4953

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.



49.5816, -53.0133, 8.9471



49.5805, 63.4768, -50.9782



49.5816, -26.8679, 32.7053

Square

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



49.5816, 63.4751, -50.9762



49.5816, 42.9778, 31.4520



49.5816, -45.8100, 27.3880



49.5816, -36.0859, -80.6609

Rectangle

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



49.5805, 63.4768, -50.9782



49.5816, 79.9629, 15.6515



49.5816, -45.8100, 27.3880



49.5816, -52.1449, -15.0942

Sweetspot

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



49.5816, 63.4751, -50.9762



84.7617, 19.0272, -13.6143



40.0985, 24.3583, -77.0484



38.2203, 10.5373, -7.6775

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5816, 63.4751, -50.9762



53.0849, 86.8939, -71.4346



49.5692, 58.5666, -13.1623



37.2174, 2.6465, -1.5341



31.8911, 64.4370, -55.5355



8.5322, 17.1565, -14.2135

Inverse Universe

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



47.5583, 49.9034, 15.4613



50.5636, 69.4184, 22.1073



74.7448, -49.2405, 26.6341



37.0487, 1.5136, 2.6259



30.4560, 52.3257, 18.3715



8.0722, 13.9752, 4.0424

Previews

White Background



This preview shows how the HunterLab color 49.5805, 63.4768, -50.9782 looks on a white background.

Color Contrast Check

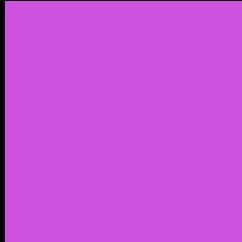
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5805, 63.4768, -50.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

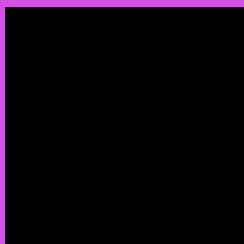
Any Text WCAG AA ✓ Pass

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 49.5805, 63.4768, -50.9782 Background



This preview shows how black text looks on a background with the HunterLab color 49.5805, 63.4768, -50.9782.



This preview shows how white text looks on a background with the HunterLab color 49.5805, 63.4768, -50.9782.

-50.9782.

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

49.5805, 63.4768, -50.9782

Protanopia

50.0246, 15.3189, -81.0375

Deuteranopia

49.8991, 4.3902, -43.9735



Tritanopia

49.5259, 26.3155, 9.3229

Trichromacy



Original Color

49.5805, 63.4768, -50.9782



Protanomaly

47.3578, 29.4556, -76.4612



Deuteranomaly

47.8693, 24.0288, -50.5479



Tritanomaly

48.9664, 39.0222, -8.3116

Monochromacy



Original Color

49.5805, 63.4768, -50.9782



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

48.0517, 20.0498, -15.1494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5805, 63.4768, -50.9782 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(206, 83, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 83, 222)  
}
```

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(206, 83, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 83, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5805, 63.4768, -50.9782 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(206, 83, 222) }
```


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

```
.border{ border-color:rgb(206, 83, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 83, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 83, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 83, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 83,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5805, 63.4768, -50.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 83, 222) }
```

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

```
.background{ background-color: rgb(206, 83,  
222) }
```

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