

Converting Colors

HunterLab(19.9823, 38.0513,
-56.3211)

Have a look what the booklet for
HunterLab(19.9823, 38.0513,
-56.3211) contains.

HunterLab(19.9307, 37.8809, -56.3467)	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(19.9307, 37.8809,
-56.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	521188
RGB	82, 17, 136
RGB Percent	32%, 7%, 53%
CMY	0.6784, 0.9333, 0.4667
CMYK	0.40, 0.87, 0.00, 0.47
HSL	273°, 78%, 30%
HSV	273°, 87%, 53%
XYZ	8.1241, 3.9723, 23.6312
YIQ	50.0010, 0.5410, 50.7890

Conversions

Conversions Part 2

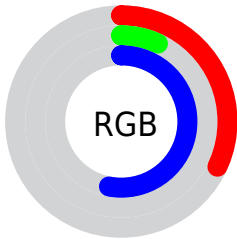
Format	Color
RYB	82, 17, 136
Decimal	5378440
CIELab	23.58, 49.65, -51.95
CIELCh	24, 71.859, 313.702
Yxy	3.9724, 0.2274, 0.1112
Android (android.graphics.Color)	4283568520 (0xFF521188)
YUV	50.0010, 42.3975, 28.0631
Hunter-Lab	19.9307, 37.8809, -56.3467

Details

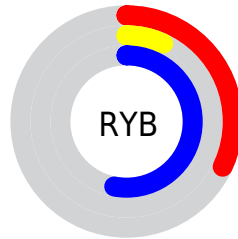
The HunterLab color **19.9307, 37.8809, -56.3467** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **43.5757, -29.1343, 25.6195**, and the grayscale version is **17.7227, -0.9456, 0.9629**.

A 20% lighter version of the original color is **36.8002, 41.6515, -55.0814**, and **9.3568, 23.0332, -48.2900** is the 20% darker color. If you saturate the color by 10%, you get **18.3875, 40.1245, -63.0740**, and if you desaturate by 10%, it is **21.9545, 34.4653, -48.7722**.

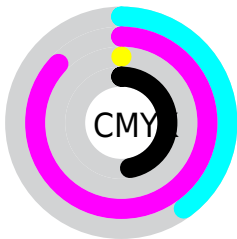
Distribution



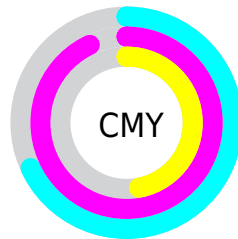
- Red (32%)
- Green (7%)
- Blue (53%)



- Red (32%)
- Yellow (7%)
- Blue (53%)



- Cyan (40%)
- Magenta (87%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9307, 37.8809, -56.3467 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 19.9307, 37.8809, -56.3467 by changing the saturation by 10% instead.

■ 19.9307, 37.8809,
-56.3467

■ 19.9307, 37.8809,
-56.3467

■ 118.0649, 51.9983,
-60.0632

■ 12.8770, 36.0609,
-59.3637

■ 36.8100, 41.7074,
-55.3547

■ 6.2956, 40.9083,
-76.2951

■ 46.4559, 43.4976,
-55.7388

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.8225, 45.1763,
-56.3404

0.0000, NaN, -NF

■ 67.8626, 46.7431,
-57.0494

0.0000, NaN, NaN

■ 79.5375, 48.2027,
-57.8050

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8144, 49.5609,

-58.5720

0.0000, NaN, NaN

104.6650, 50.8241,
-59.3290

19.9307, 37.8809,
-56.3467

19.9307, 37.8809,
-56.3467

18.3875, 40.1245,
-63.0740

21.9545, 34.4653,
-48.7722

18.0136, 40.7166,
-64.8528

24.4783, 30.1115,
-40.8077

27.4271, 25.2830,
-33.0094

30.7272, 20.2864,
-25.6555

34.3162, 15.2890,
-18.8310

■ 38.1442, 10.3670,
-12.5196

■ 42.1727, 5.5467,
-6.6632

■ 46.3718, 0.8291,
-1.1930

■ 50.7183, -3.7959,
3.9566

Harmonies

Analogous

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



19.9310, 10.1001, -92.5802



19.9307, 37.8809, -56.3467



19.9310, 58.7609, -14.0244

Triad

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



19.9310, 37.8813, -56.3457



19.9310, 12.3995, 13.9517



19.9310, -27.9214, -11.1444

Complementary

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



19.9307, 37.8809, -56.3467



43.5757, -29.1343, 25.6195

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.



19.9310, -27.7372, 9.4528



19.9307, 37.8809, -56.3467



19.9310, -10.2096, 13.9517

Square

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



19.9310, 37.8813, -56.3457



19.9310, 40.1864, 13.9517



19.9310, -22.8282, 13.9517



19.9310, -23.5032, -52.3839

Rectangle

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



19.9307, 37.8809, -56.3467



19.9310, 62.0078, 3.5350



19.9310, -22.8282, 13.9517



19.9310, -28.3357, -1.7221

Sweetspot

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



19.9310, 37.8813, -56.3457



51.1268, 13.1575, -15.8680



25.6920, 3.8614, -37.8542



23.8551, 7.2634, -8.8008



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



19.9310, 37.8813, -56.3457



23.7179, 53.8250, -87.0554



27.0223, 48.6319, -30.4212



22.4009, 0.7887, -1.0202



17.5407, 39.6302, -63.0152



1.7074, 3.5786, -3.9707

Inverse Universe

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



24.6781, 39.9302, 1.5842



31.3067, 55.4561, 5.9475



42.1683, -34.9756, 24.3763



22.5474, 1.0836, 0.7264



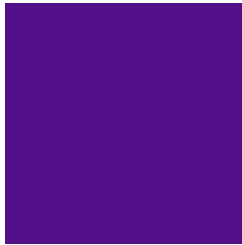
22.9828, 40.7860, 3.7870



1.9489, 3.5977, -0.7578

Previews

White Background



This preview shows how the HunterLab color 19.9307, 37.8809, -56.3467 looks on a white 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

Black Background



This preview shows how the HunterLab color 19.9307, 37.8809, -56.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

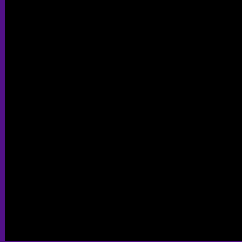
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 19.9307, 37.8809, -56.3467 Background



This preview shows how black text looks on a background with the HunterLab color 19.9307, 37.8809, -56.3467.



This preview shows how white text looks on a background with the HunterLab color 19.9307, 37.8809, -56.3467.

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

19.9307, 37.8809, -56.3467

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.1681, -0.6623, -23.7786



Tritanopia

20.5095, 2.4235, 0.7189

Trichromacy



Original Color

19.9307, 37.8809, -56.3467

Protanomaly

18.4733, 16.6134, -50.5969

Deuteranomaly

18.1447, 12.2540, -40.6241

Tritanomaly

19.1095, 14.9979, -15.9383

Monochromacy



Original Color

19.9307, 37.8809, -56.3467

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.3333, 12.5574, -15.7272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9307, 37.8809, -56.3467 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(82, 17, 136)` looks like.

```
.text, #text, p{  
    color:rgb(82, 17, 136)  
}
```

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(82, 17, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 17, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9307, 37.8809, -56.3467 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(82, 17, 136) }
```


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

```
.border{ border-color:rgb(82, 17, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 17, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 17, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 17, 136);  
box-shadow:4px 4px 4px 4px rgb(82, 17,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9307, 37.8809, -56.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 17, 136) }
```

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

```
.background{ background-color: rgb(82, 17,  
136) }
```

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