

Converting Colors

HunterLab(35.9999, 59.3977,
-90.5932)

Have a look what the booklet for
HunterLab(35.9999, 59.3977,
-90.5932) contains.

HunterLab(35.9999, 59.3977, -90.5932)	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(35.9999, 59.3977,
-90.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	8933DE
RGB	137, 51, 222
RGB Percent	54%, 20%, 87%
CMY	0.4627, 0.8000, 0.1294
CMYK	0.38, 0.77, 0.00, 0.13
HSL	270°, 72%, 54%
HSV	270°, 77%, 87%
XYZ	24.6851, 12.9599, 70.3077
YIQ	96.2080, -3.6350, 71.4130

Conversions

Conversions Part 2

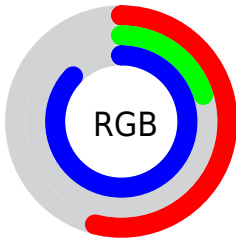
Format	Color
R_{YB}	137, 51, 222
Decimal	8991710
CIE _{Lab}	42.70, 65.98, -71.65
CIE _{LCh}	43, 97.404, 312.639
Yxy	12.9603, 0.2287, 0.1201
Android (android.graphics.Color)	4287181790 (0xFF8933DE)
YUV	96.2080, 62.0155, 35.7746
Hunter-Lab	35.9999, 59.3977, -90.5932

Details

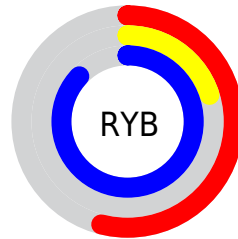
The HunterLab color **35.9999, 59.3977, -90.5932** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **75.9709, -46.3156, 43.5577**, and the grayscale version is **34.0561, -1.8171, 1.8503**.

A 20% lighter version of the original color is **54.2873, 56.4868, -68.8855**, and **20.8109, 48.8684, -89.1019** is the 20% darker color. If you saturate the color by 10%, you get **32.5211, 65.0425, -104.8136**, and if you desaturate by 10%, it is **40.4536, 51.8740, -75.4505**.

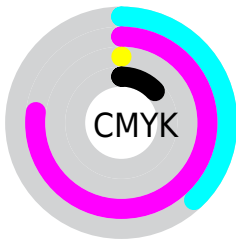
Distribution



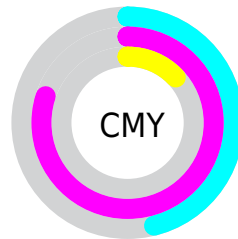
- Red (54%)
- Green (20%)
- Blue (87%)



- Red (54%)
- Yellow (20%)
- Blue (87%)



- Cyan (38%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9999, 59.3977, -90.5932 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 35.9999, 59.3977, -90.5932 by changing the saturation by 10% instead.

35.9999, 59.3977,
-90.5932

35.9999, 59.3977,
-90.5932

145.1424, 76.3891,
-94.6614

27.2052, 57.1781,
-92.7561

55.8860, 63.7956,
-89.6031

19.2725, 55.1330,
-97.4708

66.8688, 65.8794,
-89.9032

12.3087, 53.7370,
-107.9384

78.4895, 67.8675,
-90.4636

5.4707, 68.5903,
-161.6223

90.7147, 69.7577,
-91.1830

0.0000, INF, -NF

0.0000, NaN, -NF

103.5161, 71.5515,
-91.9976

0.0000, NaN, -NF

116.8687, 73.2521,

0.0000, NaN, -NF

-92.8659

0.0000, NaN, NaN

130.7506, 74.8632,
-93.7602

■ 35.9999, 59.3977,
-90.5932

■ 35.9999, 59.3977,
-90.5932

■ 32.5211, 65.0425,
-104.8136

■ 40.4536, 51.8740,
-75.4505

■ 30.0959, 67.8398,
-116.4118

■ 45.7265, 43.4345,
-60.6694

■ 29.4890, 68.3847,
-119.5781

■ 51.6673, 34.7057,
-46.8586

■ 58.1489, 26.0108,
-34.1772

■ 65.0727, 17.4851,
-22.5627

■ 72.3635, 9.1650,
-11.8718

■ 79.9644, 1.0426,
-1.9481

■ 87.8321, -6.9081,
7.3506

■ 95.9328, -14.7171,
16.1447

Harmonies

Analogous

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



36.0005, 14.8476, -144.2403



35.9999, 59.3977, -90.5932



36.0005, 93.1640, -24.3616

Triad

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



36.0005, 59.3983, -90.5915



36.0005, 21.6343, 25.2003



36.0005, -48.1336, -16.0310

Complementary

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



35.9999, 59.3977, -90.5932



75.9709, -46.3156, 43.5577

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.



36.0005, -47.5395, 16.7820



35.9999, 59.3977, -90.5932



36.0005, -16.0933, 25.2003

Square

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



36.0005, 59.3983, -90.5915



36.0005, 66.0465, 24.3198



36.0005, -38.3264, 24.9732



36.0005, -40.5045, -79.5592

Rectangle

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



35.9999, 59.3977, -90.5932



36.0005, 99.1062, 4.9143



36.0005, -38.3264, 24.9732



36.0005, -48.7617, -1.2690

Sweetspot

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



36.0005, 59.3983, -90.5915



79.3738, 16.6831, -21.4674



48.7108, 0.5965, -54.0907



35.3049, 9.3701, -12.0884

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.0005, 59.3983, -90.5915



36.2921, 78.4011, -130.8240



48.1366, 80.7499, -54.0447



36.8514, 1.4129, -2.0247



22.8724, 52.8652, -91.3868



6.4487, 14.4106, -21.9334

Inverse Universe

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



44.3564, 66.2501, -2.6413



48.5602, 84.1575, 2.4951



72.9284, -58.8858, 41.3610



37.1666, 2.1476, 0.9442



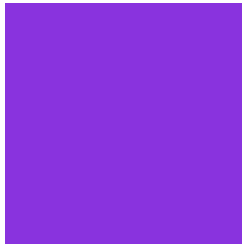
31.4959, 56.1462, 3.2317



8.4004, 15.1751, -0.6890

Previews

White Background



This preview shows how the HunterLab color 35.9999, 59.3977, -90.5932 looks on a white background.

Color Contrast Check

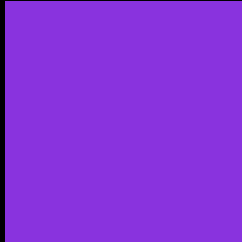
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 35.9999, 59.3977, -90.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

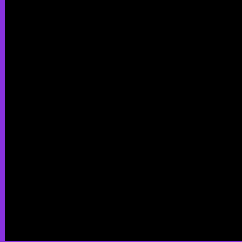
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 35.9999, 59.3977, -90.5932 Background



This preview shows how black text looks on a background with the HunterLab color 35.9999, 59.3977, -90.5932.



This preview shows how white text looks on a background with the HunterLab color 35.9999, 59.3977, -90.5932.

-90.5932.

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

35.9999, 59.3977, -90.5932

Protanopia

36.3202, 12.6567, -72.7194

Deuteranopia

36.2146, 0.6327, -46.6310



Tritanopia

35.7910, 4.0141, 0.4290

Trichromacy



Original Color

35.9999, 59.3977, -90.5932

Protanomaly

33.6399, 26.7801, -88.5832

Deuteranomaly

33.2718, 18.5004, -70.1249

Tritanomaly

34.5092, 22.4743, -25.7679

Monochromacy



Original Color

35.9999, 59.3977, -90.5932

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.2713, 18.5302, -24.7778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9999, 59.3977, -90.5932 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(137, 51, 222)` looks like.

```
.text, #text, p{  
    color:rgb(137, 51, 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(137, 51, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 51, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9999, 59.3977, -90.5932 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(137, 51, 222) }
```


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

```
.border{ border-color:rgb(137, 51, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 51, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 51, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 51, 222);  
box-shadow:4px 4px 4px 4px rgb(137, 51,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.9999, 59.3977, -90.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 51, 222) }
```

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

```
.background{ background-color: rgb(137, 51,  
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