

Converting Colors

HunterLab(36.2144, 72.9551,
-99.2239)

Have a look what the booklet for
HunterLab(36.2144, 72.9551,
-99.2239) contains.

HunterLab(36.1716, 72.7992, -99.1470)	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(36.1716, 72.7992,
-99.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	9819E6
RGB	152, 25, 230
RGB Percent	60%, 10%, 90%
CMY	0.4039, 0.9020, 0.0980
CMYK	0.34, 0.89, 0.00, 0.10
HSL	277°, 80%, 50%
HSV	277°, 89%, 90%
XYZ	27.5795, 13.0838, 75.9348
YIQ	86.3430, 9.8870, 90.6790

Conversions

Conversions Part 2

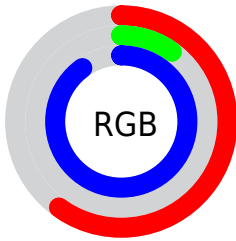
Format	Color
R_{YB}	152, 25, 230
Decimal	9968102
CIE _{Lab}	42.89, 77.19, -75.83
CIE _{LCh}	43, 108.200, 315.509
Yxy	13.0843, 0.2365, 0.1122
Android (android.graphics.Color)	4288158182 (0xFF9819E6)
YUV	86.3430, 70.8229, 57.5812
Hunter-Lab	36.1716, 72.7992, -99.1470

Details

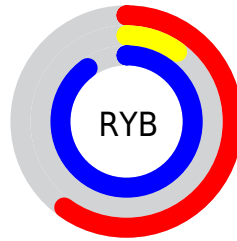
The HunterLab color **36.1716, 72.7992, -99.1470** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **77.1671, -56.2427, 45.8587**, and the grayscale version is **30.3783, -1.6209, 1.6505**.

A 20% lighter version of the original color is **53.8941, 68.3591, -69.6739**, and **22.8938, 52.3848, -87.3632** is the 20% darker color. If you saturate the color by 10%, you get **34.0864, 74.8069, -107.9037**, and if you desaturate by 10%, it is **39.2158, 67.8720, -87.8321**.

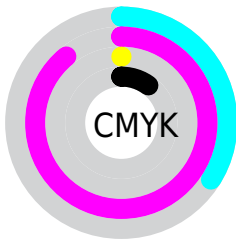
Distribution



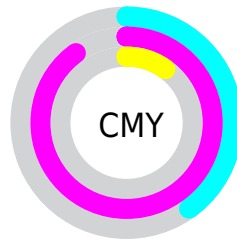
- Red (60%)
- Green (10%)
- Blue (90%)



- Red (60%)
- Yellow (10%)
- Blue (90%)



- Cyan (34%)
- Magenta (89%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (90%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1716, 72.7992, -99.1470 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 36.1716, 72.7992, -99.1470 by changing the saturation by 10% instead.

36.1716, 72.7992,
-99.1470

36.1716, 72.7992,
-99.1470

145.4156, 92.3845,
-102.2632

27.3617, 70.5117,
-101.9181

56.0848, 77.6209,
-97.5298

19.4119, 68.6204,
-107.6608

67.0798, 79.9835,
-97.6710

12.4289, 67.8734,
-120.0557

78.7120, 82.2712,
-98.1312

5.6563, 85.8452,
-177.7393

90.9483, 84.4729,
-98.7912

0.0000, INF, -NF

0.0000, NaN, -NF

103.7602, 86.5846,
-99.5762

0.0000, NaN, -NF

117.1228, 88.6058,

0.0000, NaN, NaN

-100.4369

131.0145, 90.5383,
-101.3401

■ 36.1716, 72.7992,
-99.1470

■ 36.1716, 72.7992,
-99.1470

■ 34.0864, 74.8069,
-107.9037

■ 39.2158, 67.8720,
-87.8321

■ 33.9227, 74.9350,
-108.6308

■ 43.2561, 60.5087,
-74.8995

■ 48.1812, 51.6658,
-61.5305

■ 53.8534, 42.1165,
-48.4993

■ 60.1442, 32.3482,
-36.1731

66.9460, 22.6191,
-24.6540

74.1734, 13.0440,
-13.9078

81.7597, 3.6587,
-3.8449

89.6532, -5.5400,
5.6378

Harmonies

Analogous

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



36.1722, 21.5348, -169.1170



36.1716, 72.7992, -99.1470



36.1722, 109.7204, -22.1356

Triad

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



36.1722, 72.7996, -99.1451



36.1722, 19.8744, 25.3205



36.1722, -50.7447, -24.2209

Complementary

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



36.1716, 72.7992, -99.1470



77.1671, -56.2427, 45.8587

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.



36.1722, -50.8696, 16.1109



36.1716, 72.7992, -99.1470



36.1722, -20.6153, 25.3205

Square

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



36.1722, 72.7996, -99.1451



36.1722, 71.1298, 25.3205



36.1722, -42.6173, 25.3205



36.1722, -42.1361, -102.0289

Rectangle

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



36.1716, 72.7992, -99.1470



36.1722, 114.0146, 8.4277



36.1722, -42.6173, 25.3205



36.1722, -51.5912, -5.9562

Sweetspot

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



36.1722, 72.7996, -99.1451



76.8290, 23.2839, -25.2609



39.6700, 18.7365, -87.1167



34.2878, 12.4970, -13.6693

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1722, 72.7996, -99.1451



38.0617, 84.1505, -122.4469



46.8815, 85.9879, -43.5219



37.8511, 1.8391, -1.9327



25.6654, 56.5549, -81.1049



7.3462, 15.8340, -20.4739

Inverse Universe

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



43.0089, 71.7758, 10.0694



47.0356, 82.3856, 16.1632



75.5127, -63.0035, 43.1532



38.0241, 2.0090, 1.4993



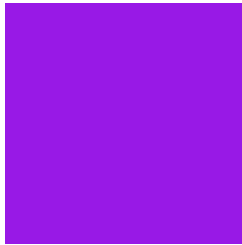
31.5286, 55.3141, 10.1376



8.6730, 15.4110, 1.2776

Previews

White Background



This preview shows how the HunterLab color 36.1716, 72.7992, -99.1470 looks on a white background.

Color Contrast Check

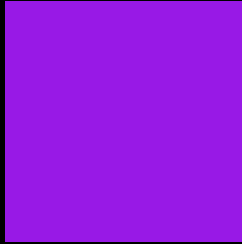
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1716, 72.7992, -99.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

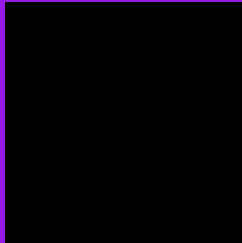
Any Text WCAG AA × Fail

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 36.1716, 72.7992, -99.1470 Background



This preview shows how black text looks on a background with the HunterLab color 36.1716, 72.7992, -99.1470.



This preview shows how white text looks on a background with the HunterLab color 36.1716, 72.7992, -99.1470.

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

36.1716, 72.7992, -99.1470

Protanopia

36.3873, 12.9969, -73.5375

Deuteranopia

36.5484, 0.4510, -46.6559



Tritanopia

36.2551, 10.3134, 3.2164

Trichromacy



Original Color

36.1716, 72.7992, -99.1470



Protanomaly

31.9766, 33.8842, -98.9076



Deuteranomaly

31.7149, 25.2818, -79.8933



Tritanomaly

33.9988, 33.1684, -26.6072

Monochromacy



Original Color

36.1716, 72.7992, -99.1470



Achromatopsia

30.5056, -1.6277, 1.6574



Achromatomaly

29.6930, 25.2926, -29.2722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1716, 72.7992, -99.1470 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(152, 25, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 25, 230)  
}
```

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(152, 25, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 25, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1716, 72.7992, -99.1470 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(152, 25, 230) }
```


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

```
.border{ border-color:rgb(152, 25, 230) }
```

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

Here you see how a box with a 4 pixel rgb(152, 25, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 25, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 25, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 25,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1716, 72.7992, -99.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 25, 230) }
```

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

```
.background{ background-color: rgb(152, 25,  
230) }
```

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](#).

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