

Converting Colors

HunterLab(31.2613, 37.1073,
-30.4994)

Have a look what the booklet for
HunterLab(31.2613, 37.1073,
-30.4994) contains.

HunterLab(31.3505, 36.9253, -29.9359)	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(31.3505, 36.9253,
-29.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	853890
RGB	133, 56, 144
RGB Percent	52%, 22%, 56%
CMY	0.4784, 0.7804, 0.4353
CMYK	0.08, 0.61, 0.00, 0.44
HSL	293°, 44%, 39%
HSV	293°, 61%, 56%
XYZ	16.1211, 9.8285, 27.4330
YIQ	89.0550, 17.6440, 43.6920

Conversions

Conversions Part 2

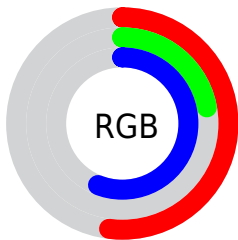
Format	Color
RYB	133, 56, 144
Decimal	8730768
CIELab	37.53, 46.03, -34.02
CIELCh	38, 57.234, 323.530
Yxy	9.8290, 0.3020, 0.1841
Android (android.graphics.Color)	4286920848 (0xFF853890)
YUV	89.0550, 27.0879, 38.5398
Hunter-Lab	31.3505, 36.9253, -29.9359

Details

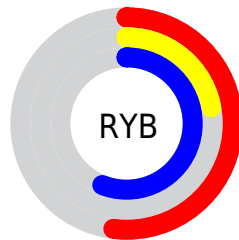
The HunterLab color $[31.3505, 36.9253, -29.9359]$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $[46.2878, -30.8634, 23.1891]$, and the grayscale version is $[31.5267, -1.6822, 1.7129]$.

A 20% lighter version of the original color is $[50.4913, 39.9513, -30.9243]$, and $[15.7981, 32.0571, -28.5698]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.1255, 42.4269, -35.0229]$, and if you desaturate by 10%, it is $[34.0280, 30.7256, -24.4685]$.

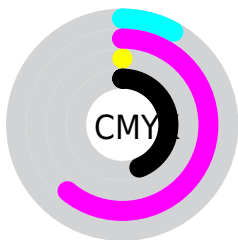
Distribution



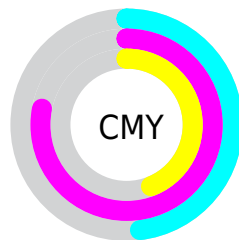
- Red (52%)
- Green (22%)
- Blue (56%)



- Red (52%)
- Yellow (22%)
- Blue (56%)



- Cyan (8%)
- Magenta (61%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3505, 36.9253, -29.9359 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 31.3505, 36.9253, -29.9359 by changing the saturation by 10% instead.

31.3505, 36.9253,
-29.9359

31.3505, 36.9253,
-29.9359

137.6397, 48.7382,
-34.4208

22.9907, 35.0895,
-29.4586

50.4711, 40.2860,
-31.1488

15.5430, 33.2331,
-29.3322

61.1091, 41.7933,
-31.7521

9.1325, 31.6759,
-30.2839

72.4044, 43.1893,
-32.3192

0.0000, INF, -NF

0.0000, NaN, -NF

84.3210, 44.4811,
-32.8407

0.0000, NaN, NaN

96.8278, 45.6755,
-33.3124

0.0000, NaN, NaN

109.8984, 46.7792,

0.0000, NaN, NaN

-33.7328

0.0000, NaN, NaN

123.5092, 47.7982,
-34.1020

■ 31.3505, 36.9253,
-29.9359

■ 31.3505, 36.9253,
-29.9359

■ 29.1255, 42.4269,
-35.0229

■ 34.0280, 30.7256,
-24.4685

■ 27.3961, 46.8254,
-39.4022

■ 37.1005, 24.1710,
-18.8826

■ 26.1817, 49.7513,
-42.7479

■ 40.5136, 17.4973,
-13.3439

■ 25.3956, 51.4195,
-45.0529

■ 44.2176, 10.8483,
-7.9432

■ 48.1703, 4.3000,
-2.7191

■ 52.3367, -2.1152,
2.3214

■ 56.6883, -8.3899,
7.1875

■ 61.2018, -14.5307,
11.8964

■ 65.8583, -20.5501,
16.4676

Harmonies

Analogous

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



31.3512, 15.7430, -56.1576



31.3505, 36.9253, -29.9359



31.3512, 48.1408, -2.8392

Triad

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



31.3512, 36.9242, -29.9347



31.3512, 2.9110, 20.9087



31.3512, -30.3357, -17.3529

Complementary

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



31.3505, 36.9253, -29.9359



46.2878, -30.8634, 23.1891

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.



31.3512, -32.1053, 5.6594



31.3505, 36.9253, -29.9359



31.3512, -15.9626, 20.3277

Square

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



31.3512, 36.9242, -29.9347



31.3512, 25.4900, 19.3954



31.3512, -27.5762, 16.8507



31.3512, -21.9022, -46.1781

Rectangle

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



31.3505, 36.9253, -29.9359



31.3512, 46.8314, 9.2990



31.3512, -27.5762, 16.8507



31.3512, -31.6213, -8.4417

Sweetspot

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



31.3512, 36.9242, -29.9347



60.1313, 12.0087, -8.6240



26.3759, 12.8304, -42.8347



28.1435, 6.8613, -5.0211



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



31.3512, 36.9242, -29.9347



37.8264, 58.5167, -48.6120



31.4991, 34.5590, -8.6937



23.4037, 1.4563, -0.8263



23.7130, 48.0037, -41.9977



2.4487, 4.8780, -3.7248

Inverse Universe

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



30.2709, 29.1629, 8.7618



36.2900, 46.9590, 14.4448



46.3644, -29.6369, 16.1694



23.3117, 0.8178, 1.6006



22.8111, 39.2407, 13.3761



2.2685, 3.9772, 0.7498

Previews

White Background



This preview shows how the HunterLab color 31.3505, 36.9253, -29.9359 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 31.3505, 36.9253, -29.9359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

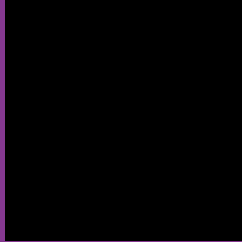
Any Text WCAG AA × Fail

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 31.3505, 36.9253, -29.9359 Background



This preview shows how black text looks on a background with the HunterLab color 31.3505, 36.9253, -29.9359.



This preview shows how white text looks on a background with the HunterLab color 31.3505, 36.9253, -29.9359.

-29.9359.

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

31.3505, 36.9253, -29.9359

Protanopia

31.7565, 10.0215, -54.0692

Deuteranopia

31.6804, 2.0848, -25.4420



Tritanopia

31.3635, 15.4255, 5.2490

Trichromacy



Original Color

31.3505, 36.9253, -29.9359

Protanomaly

30.0953, 17.2339, -48.4957

Deuteranomaly

30.4564, 13.5853, -29.2950

Tritanomaly

30.9561, 22.8490, -5.1020

Monochromacy



Original Color

31.3505, 36.9253, -29.9359

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.6841, 11.6892, -8.8441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3505, 36.9253, -29.9359 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(133, 56, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 56, 144)  
}
```

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(133, 56, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 56, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3505, 36.9253, -29.9359 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(133, 56, 144) }
```


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

```
.border{ border-color:rgb(133, 56, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 56, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 56, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 56, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 56,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3505, 36.9253, -29.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 56, 144) }
```

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

```
.background{ background-color: rgb(133, 56,  
144) }
```

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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