

Converting Colors

HunterLab(8.3789, 51.3589,
-150.9580)

Have a look what the booklet for
HunterLab(8.3789, 51.3589,
-150.9580) contains.

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Color

**HunterLab(13.0133, 35.2985,
-92.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	000085
RGB	0, 0, 133
RGB Percent	0%, 0%, 52%
CMY	0.9999, 1.0000, 0.4784
CMYK	1.00, 1.00, 0.00, 0.48
HSL	240°, 100%, 26%
HSV	240°, 100%, 52%
XYZ	4.2336, 1.6935, 22.2941
YIQ	15.1620, -42.6930, 41.3630

Conversions

Conversions Part 2

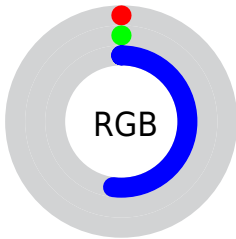
Format	Color
RYB	0, 0, 133
Decimal	133
CIELab	13.79, 48.84, -66.52
CIELCh	14, 82.525, 306.288
Yxy	1.6936, 0.1500, 0.0600
Android (android.graphics.Color)	4278190213 (0xFF000085)
YUV	15.1620, 58.0941, -13.2971
Hunter-Lab	13.0133, 35.2985, -92.4649

Details

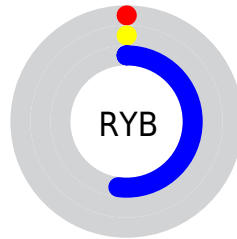
The HunterLab color **13.0133, 35.2985, -92.4649** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **46.6479, -12.5354, 28.5248**, and the grayscale version is **6.8075, -0.3632, 0.3699**.

A 20% lighter version of the original color is **28.0772, 39.3422, -82.4773**, and **7.8051, 21.1713, -55.4585** is the 20% darker color. If you saturate the color by 10%, you get **13.0138, 35.2989, -92.4614**, and if you desaturate by 10%, it is **14.4119, 31.1600, -81.8645**.

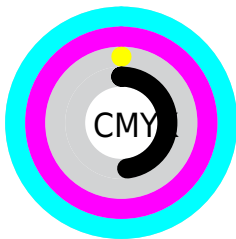
Distribution



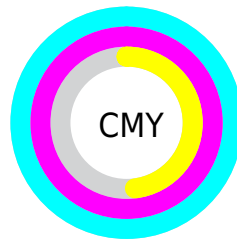
- Red (0%)
- Green (0%)
- Blue (52%)



- Red (0%)
- Yellow (0%)
- Blue (52%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0133, 35.2985, -92.4649 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 13.0133, 35.2985, -92.4649 by changing the saturation by 10% instead.

■ 13.0133, 35.2985,
-92.4649

■ 13.0133, 35.2985,
-92.4649

■ 104.9397, 49.8488,
-83.0911

■ 6.4768, 39.2454,
-122.4602

■ 28.1201, 39.0463,
-81.8173

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.0039, 40.9100,
-80.4904

0.0000, NaN, -NF

■ 46.6655, 42.6717,
-80.1329

0.0000, NaN, -NF

■ 57.0466, 44.3205,
-80.3126

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.1004, 45.8571,
-80.8031


0.0000, NaN, NaN


■ 79.7882, 47.2865,


0.0000, NaN, NaN


-81.4762


 92.0773, 48.6149,
-82.2549


 13.0133, 35.2985,
-92.4649


 13.0133, 35.2985,
-92.4649


 13.0138, 35.2989,
-92.4614

 14.4119, 31.1600,
-81.8645

 16.3918, 26.3978,
-69.7014

 19.1146, 21.2796,
-56.6797

 22.4066, 16.5150,
-44.6220

 26.1239, 12.3103,
-34.0496

■ 30.1640, 8.6366,
-24.8791

■ 34.4564, 5.3983,
-16.8572

■ 38.9528, 2.4989,
-9.7297

■ 43.6191, -0.1414,
-3.2873

Harmonies

Analogous

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



13.0138, 4.3033, -138.0565



13.0133, 35.2985, -92.4649



13.0138, 65.7163, -28.3661

Triad

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



13.0138, 35.2989, -92.4614



13.0138, 21.2304, 9.1096



13.0138, -22.7741, -4.5532

Complementary

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



13.0133, 35.2985, -92.4649



46.6479, -12.5354, 28.5248

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.



13.0138, -22.7741, 9.1096



13.0133, 35.2985, -92.4649



13.0138, -5.0370, 9.1096

Square

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



13.0138, 35.2989, -92.4614



13.0138, 54.4658, 9.1096



13.0138, -19.2265, 9.1096



13.0138, -22.7741, -53.2755

Rectangle

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



13.0133, 35.2985, -92.4649



13.0138, 74.8569, -2.1958



13.0138, -19.2265, 9.1096



13.0138, -22.7741, 3.0670

Sweetspot

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



13.0138, 35.2989, -92.4614



45.7087, 7.5038, -23.2488



42.9751, -22.7833, -4.5325



20.7084, 4.2744, -12.7971



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



13.0138, 35.2989, -92.4614



17.4149, 47.2371, -123.7336



16.9386, 39.0052, -66.5525



21.3180, -0.1755, -1.3314



12.7010, 34.4507, -90.2394



0.7477, 2.0278, -5.3104

Inverse Universe

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



25.8448, 50.8104, -34.0769



34.5856, 67.9946, -45.6015



42.3684, -29.1992, 25.5961



21.8239, 1.5412, -0.6540



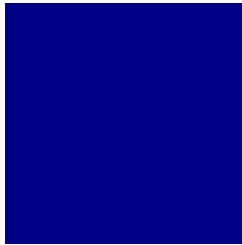
25.2237, 49.5894, -33.2580



1.4847, 2.9189, -1.9579

Previews

White Background



This preview shows how the HunterLab color 13.0133, 35.2985, -92.4649 looks on a white background.

Color Contrast Check

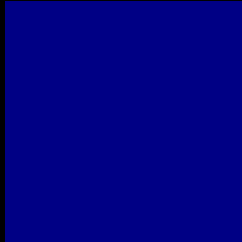
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0133, 35.2985, -92.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

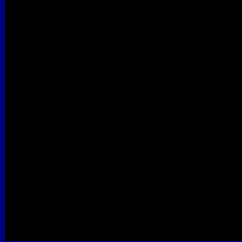
Any Text WCAG AA × Fail

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 13.0133, 35.2985, -92.4649 Background



This preview shows how black text looks on a background with the HunterLab color 13.0133, 35.2985, -92.4649.



This preview shows how white text looks on a background with the HunterLab color 13.0133, 35.2985, -92.4649.

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

13.0133, 35.2985, -92.4649

Protanopia

14.3008, 2.5676, -23.4173

Deuteranopia

14.4416, -1.7621, -14.2469



Tritanopia

14.4292, -7.2952, -2.2871

Trichromacy



Original Color

13.0133, 35.2985, -92.4649

Protanomaly

12.7097, 14.9460, -48.1500

Deuteranomaly

12.4763, 11.4121, -40.2297

Tritanomaly

11.9532, 6.1785, -28.2780

Monochromacy



Original Color

13.0133, 35.2985, -92.4649

Achromatopsia

6.9116, -0.3688, 0.3755

Achromatomaly

7.6622, 9.8274, -26.0814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0133, 35.2985, -92.4649 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(0, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 133)  
}
```

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(0, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0133, 35.2985, -92.4649 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(0, 0, 133) }
```


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

```
.border{ border-color:rgb(0, 0, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 133); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 133); box-shadow:4px  
4px 4px 4px rgb(0, 0, 133) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0133, 35.2985, -92.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 133) }
```

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

```
.background{ background-color: rgb(0, 0,  
133) }
```

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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