

Converting Colors

HunterLab(13.1432, 30.6006,
-54.2388)

Have a look what the booklet for
HunterLab(13.1432, 30.6006,
-54.2388) contains.

HunterLab(13.0939, 30.5306, -54.3820)	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(13.0939, 30.5306,
-54.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	31006B
RGB	49, 0, 107
RGB Percent	19%, 0%, 42%
CMY	0.8078, 1.0000, 0.5804
CMYK	0.54, 1.00, 0.00, 0.58
HSL	267°, 100%, 21%
HSV	267°, 100%, 42%
XYZ	3.9205, 1.7145, 14.0342
YIQ	26.8490, -5.1430, 43.6650

Conversions

Conversions Part 2

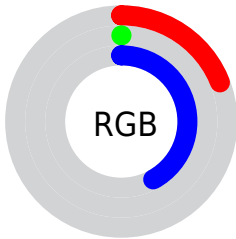
Format	Color
R_{YB}	49, 0, 107
Decimal	3211371
CIE _{Lab}	13.91, 43.83, -49.46
CIE _{LCh}	14, 66.082, 311.548
Yxy	1.7146, 0.1993, 0.0872
Android (android.graphics.Color)	4281401451 (0xFF31006B)
YUV	26.8490, 39.5144, 19.4264
Hunter-Lab	13.0939, 30.5306, -54.3820

Details

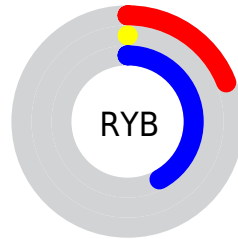
The HunterLab color **13.0939, 30.5306, -54.3820** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **33.7859, -22.1294, 20.4313**, and the grayscale version is **10.3072, -0.5500, 0.5600**.

A 20% lighter version of the original color is **28.1655, 33.8881, -51.0989**, and **5.5271, 14.9923, -39.2724** is the 20% darker color. If you saturate the color by 10%, you get **13.0942, 30.5309, -54.3807**, and if you desaturate by 10%, it is **14.4938, 28.0220, -47.4799**.

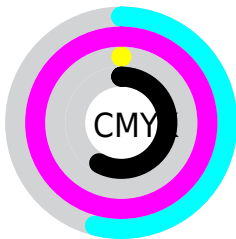
Distribution



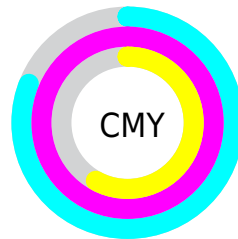
- Red (19%)
- Green (0%)
- Blue (42%)



- Red (19%)
- Yellow (0%)
- Blue (42%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (81%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0939, 30.5306, -54.3820 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 13.0939, 30.5306, -54.3820 by changing the saturation by 10% instead.

■ 13.0939, 30.5306,
-54.3820

■ 13.0939, 30.5306,
-54.3820

■ 105.1009, 43.7036,
-55.5461

■ 6.5808, 33.4373,
-67.5192

■ 28.2240, 34.1254,
-51.3891

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.1178, 35.8311,
-51.5042

0.0000, NaN, -NF

■ 46.7885, 37.4194,
-51.9719

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1781, 38.8888,
-52.6111

0.0000, NaN, NaN


■ 68.2399, 40.2445,
-53.3292


0.0000, NaN, NaN


■ 79.9353, 41.4940,


0.0000, NaN, NaN


-54.0753


 92.2316, 42.6446,
-54.8200


 13.0939, 30.5306,
-54.3820


 13.0939, 30.5306,
-54.3820


 13.0942, 30.5309,
-54.3807

 14.4938, 28.0220,
-47.4799

 16.1003, 25.3676,
-40.8587

 18.0893, 22.0933,
-34.0584

 20.3967, 18.5471,
-27.5409

 22.9637, 14.9394,
-21.5023

■ 25.7422, 11.3739,
-15.9764

■ 28.6947, 7.8908,
-10.9216

■ 31.7928, 4.4983,
-6.2711

■ 35.0149, 1.1899,
-1.9566

Harmonies

Analogous

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



13.0942, 6.8647, -87.8167



13.0939, 30.5306, -54.3820



13.0942, 50.0103, -14.3066

Triad

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



13.0942, 30.5309, -54.3807



13.0942, 11.9607, 9.1659



13.0942, -22.9148, -7.6038

Complementary

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



13.0939, 30.5306, -54.3820



33.7859, -22.1294, 20.4313

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.



13.0942, -22.9148, 8.1938



13.0939, 30.5306, -54.3820



13.0942, -6.8601, 9.1659

Square

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



13.0942, 30.5309, -54.3807



13.0942, 35.9247, 9.1659



13.0942, -17.5450, 9.1659



13.0942, -19.4174, -44.3438

Rectangle

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



13.0939, 30.5306, -54.3820



13.0942, 53.9297, 1.5607



13.0942, -17.5450, 9.1659



13.0942, -22.9148, -0.1960

Sweetspot

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



13.0942, 30.5309, -54.3807



38.0549, 10.9493, -15.1656



20.4306, 1.0299, -27.7598



18.0944, 6.1126, -8.4978



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



13.0942, 30.5309, -54.3807



17.3163, 40.6315, -73.9008



19.6619, 39.0705, -29.1455



17.5690, 0.4230, -0.7583



14.3804, 33.6071, -60.3204



31.6739, 75.0173, -140.5750

Inverse Universe

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



18.5237, 33.3714, -0.8131



24.7372, 44.4736, -0.3752



32.4807, -27.5790, 19.5316



17.7247, 0.8246, 0.4219



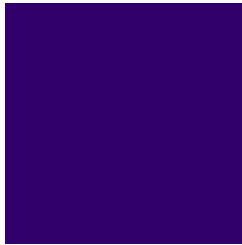
20.4160, 36.7527, -0.6814



45.8927, 82.2639, 1.1960

Previews

White Background



This preview shows how the HunterLab color 13.0939, 30.5306, -54.3820 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

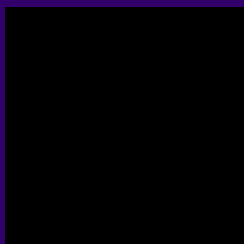
Any Text WCAG AA × Fail

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 13.0939, 30.5306, -54.3820 Background



This preview shows how black text looks on a background with the HunterLab color 13.0939, 30.5306, -54.3820.



This preview shows how white text looks on a background with the HunterLab color 13.0939, 30.5306, -54.3820.

-54.3820.

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

13.0939, 30.5306, -54.3820

Protanopia

14.0193, 2.7273, -23.4105

Deuteranopia

14.1536, -1.6096, -14.2161



Tritanopia

14.4647, -3.3410, -1.3216

Trichromacy



Original Color

13.0939, 30.5306, -54.3820

Protanomaly

12.3290, 13.4834, -38.6834

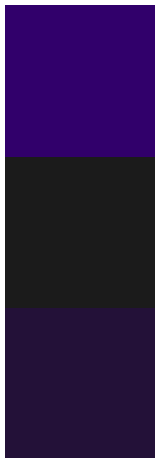
Deuteranomaly

12.1515, 10.1976, -31.2830

Tritanomaly

12.5550, 8.7792, -17.9361

Monochromacy



Original Color

13.0939, 30.5306, -54.3820

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.2164, 10.2056, -15.2388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0939, 30.5306, -54.3820 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(49, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 107)  
}
```

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(49, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0939, 30.5306, -54.3820 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(49, 0, 107) }
```


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

```
.border{ border-color:rgb(49, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(49, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(49, 0, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0939, 30.5306, -54.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 107) }
```

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

```
.background{ background-color: rgb(49, 0,  
107) }
```

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