

Converting Colors

HunterLab(14.3424, 33.5571,
-88.0682)

Have a look what the booklet for
HunterLab(14.3424, 33.5571,
-88.0682) contains.

HunterLab(14.3513, 33.6631, -88.3435)	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(14.3513, 33.6631,
-88.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	090989
RGB	9, 9, 137
RGB Percent	4%, 4%, 54%
CMY	0.9646, 0.9647, 0.4627
CMYK	0.93, 0.93, 0.00, 0.46
HSL	240°, 88%, 29%
HSV	240°, 93%, 54%
XYZ	4.7257, 2.0596, 23.8154
YIQ	23.5920, -41.0880, 39.8080

Conversions

Conversions Part 2

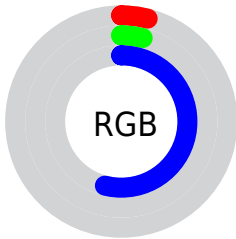
Format	Color
R_{YB}	9, 9, 137
Decimal	592265
CIE _{Lab}	15.80, 46.80, -65.68
CIE _{LCh}	16, 80.650, 305.473
Yxy	2.0596, 0.1544, 0.0673
Android (android.graphics.Color)	4278782345 (0xFF090989)
YUV	23.5920, 55.9101, -12.7972
Hunter-Lab	14.3513, 33.6631, -88.3435

Details

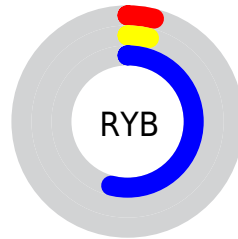
The HunterLab color **14.3513, 33.6631, -88.3435** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **48.1948, -12.8315, 29.1551**, and the grayscale version is **9.2811, -0.4952, 0.5043**.

A 20% lighter version of the original color is **29.7626, 37.6253, -80.3460**, and **8.1969, 22.2340, -58.2422** is the 20% darker color. If you saturate the color by 10%, you get **13.4400, 36.4546, -95.4866**, and if you desaturate by 10%, it is **16.0801, 29.1685, -76.8452**.

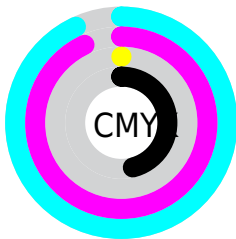
Distribution



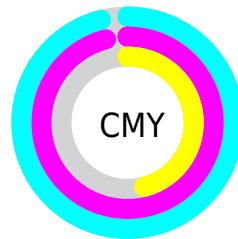
- Red (4%)
- Green (4%)
- Blue (54%)



- Red (4%)
- Yellow (4%)
- Blue (54%)



- Cyan (93%)
- Magenta (93%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (96%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.3513, 33.6631, -88.3435 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 14.3513, 33.6631, -88.3435 by changing the saturation by 10% instead.

■ 14.3513, 33.6631,
-88.3435

■ 14.3513, 33.6631,
-88.3435

■ 107.5889, 47.5548,
-81.8239

■ 8.0110, 33.2283,
-105.3042

■ 29.8380, 37.3834,
-79.7960

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.8833, 39.1657,
-78.8022

0.0000, NaN, -NF

■ 48.6936, 40.8363,
-78.6311

0.0000, NaN, -NF

■ 59.2132, 42.3911,
-78.9196

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3972, 43.8339,
-79.4741


0.0000, NaN, NaN


■ 82.2082, 45.1709,

0.0000, NaN, NaN


-80.1836


 94.6146, 46.4090,
-80.9810


 14.3513, 33.6631,
-88.3435


 14.3513, 33.6631,
-88.3435

 13.4400, 36.4546,
-95.4866

 16.0801, 29.1685,
-76.8452

 18.6399, 23.8832,
-63.3765

 21.8549, 18.7705,
-50.4107

 25.5604, 14.2034,
-38.8992

 29.6349, 10.2124,
-28.9106

■ 33.9942, 6.7109,
-20.2136

■ 38.5811, 3.5951,
-12.5342

■ 43.3555, 0.7752,
-5.6364

■ 48.2887, -1.8194,
0.6645

Harmonies

Analogous

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



14.3513, 3.5678, -128.6210



14.3513, 33.6631, -88.3435



14.3513, 63.0087, -28.6677

Triad

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



14.3513, 33.6655, -88.3438



14.3513, 21.7898, 10.0459



14.3513, -25.1148, -3.6918

Complementary

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



14.3513, 33.6631, -88.3435



48.1948, -12.8315, 29.1551

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.



14.3513, -25.1148, 10.0459



14.3513, 33.6631, -88.3435



14.3513, -4.6406, 10.0459

Square

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



14.3513, 33.6655, -88.3438



14.3513, 53.6929, 10.0459



14.3513, -18.6514, 10.0459



14.3513, -24.3830, -48.9702

Rectangle

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



14.3513, 33.6631, -88.3435



14.3513, 72.1332, -2.8350



14.3513, -18.6514, 10.0459



14.3513, -25.1148, 3.6480

Sweetspot

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



14.3513, 33.6655, -88.3438



48.4141, 6.9157, -21.9507



44.4473, -23.2710, -4.5896



21.8420, 4.0367, -12.2753



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



14.3513, 33.6655, -88.3438



17.9853, 48.7838, -127.7833



18.4872, 38.7151, -63.8328



22.1185, -0.1745, -1.4005



12.9714, 35.1838, -92.1577



1.0575, 2.8678, -7.5092

Inverse Universe

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



27.0538, 51.1490, -34.2813



35.7174, 70.2187, -47.0865



43.9630, -29.2584, 26.2293



22.6472, 1.6191, -0.6920



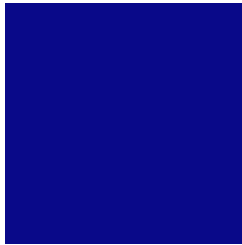
25.7600, 50.6429, -33.9599



2.0996, 4.1279, -2.7687

Previews

White Background



This preview shows how the HunterLab color 14.3513, 33.6631, -88.3435 looks on a white background.

Color Contrast Check

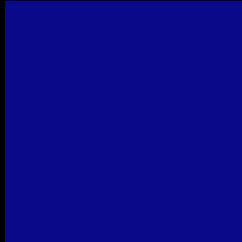
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3513, 33.6631, -88.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

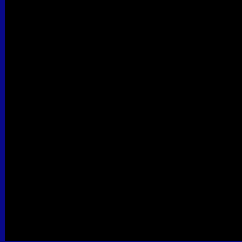
Any Text WCAG AA × Fail

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 14.3513, 33.6631, -88.3435 Background



This preview shows how black text looks on a background with the HunterLab color 14.3513, 33.6631, -88.3435.



This preview shows how white text looks on a background with the HunterLab color 14.3513, 33.6631, -88.3435.

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

14.3513, 33.6631, -88.3435

Protanopia

14.9725, 2.7997, -24.7580

Deuteranopia

14.8177, -1.4336, -15.4261



Tritanopia

15.0159, -7.6041, -2.3536

Trichromacy



Original Color

14.3513, 33.6631, -88.3435

Protanomaly

13.7752, 14.4515, -47.6284

Deuteranomaly

13.5789, 10.9259, -39.7608

Tritanomaly

13.0428, 5.4581, -27.2546

Monochromacy



Original Color

14.3513, 33.6631, -88.3435

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.9290, 8.7920, -23.5911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.3513, 33.6631, -88.3435 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(9, 9, 137)` looks like.

```
.text, #text, p{  
    color:rgb(9, 9, 137)  
}
```

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(9, 9, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 9, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 14.3513, 33.6631, -88.3435 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(9, 9, 137) }
```


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

```
.border{ border-color:rgb(9, 9, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 9, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 9, 137); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 9, 137); box-shadow:4px  
4px 4px 4px rgb(9, 9, 137) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.3513, 33.6631, -88.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 9, 137) }
```

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

```
.background{ background-color: rgb(9, 9,  
137) }
```

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