

Converting Colors

HunterLab(14.6009, 39.0796,
-99.6727)

Have a look what the booklet for
HunterLab(14.6009, 39.0796,
-99.6727) contains.

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Color

**HunterLab(14.5688, 38.9814,
-99.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0091
RGB	12, 0, 145
RGB Percent	5%, 0%, 57%
CMY	0.9529, 1.0000, 0.4314
CMYK	0.92, 1.00, 0.00, 0.43
HSL	245°, 100%, 28%
HSV	245°, 100%, 57%
XYZ	5.2625, 2.1225, 26.9204
YIQ	20.1180, -39.3930, 47.6390

Conversions

Conversions Part 2

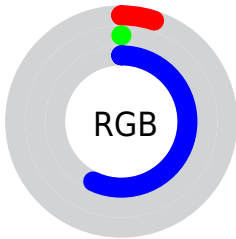
Format	Color
R_{YB}	12, 0, 145
Decimal	786577
CIE _{Lab}	16.12, 52.13, -70.15
CIE _{LCh}	16, 87.401, 306.618
Yxy	2.1226, 0.1534, 0.0619
Android (android.graphics.Color)	4278976657 (0xFF0C0091)
YUV	20.1180, 61.5668, -7.1195
Hunter-Lab	14.5688, 38.9814, -99.3586

Details

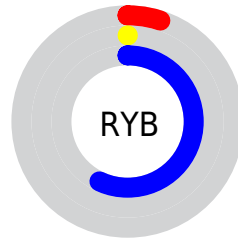
The HunterLab color **14.5688, 38.9814, -99.3586** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **50.2353, -17.5738, 30.6471**, and the grayscale version is **8.2330, -0.4393, 0.4473**.

A 20% lighter version of the original color is **30.0543, 42.7827, -88.5305**, and **8.8900, 24.1140, -63.1669** is the 20% darker color. If you saturate the color by 10%, you get **14.5693, 38.9818, -99.3549**, and if you desaturate by 10%, it is **16.0710, 35.0020, -88.3127**.

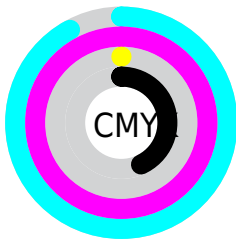
Distribution



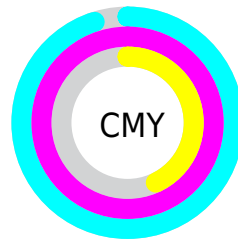
- Red (5%)
- Green (0%)
- Blue (57%)



- Red (5%)
- Yellow (0%)
- Blue (57%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.5688, 38.9814, -99.3586 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 14.5688, 38.9814, -99.3586 by changing the saturation by 10% instead.

■ 14.5688, 38.9814,
-99.3586

■ 14.5688, 38.9814,
-99.3586

■ 108.0148, 54.2519,
-89.6214

■ 8.2299, 38.4882,
-118.7392

■ 30.1159, 42.8566,
-88.6919

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.1869, 44.7936,
-87.2469

0.0000, NaN, -NF

■ 49.0207, 46.6354,
-86.7959

0.0000, NaN, -NF

■ 59.5623, 48.3687,
-86.9096

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 70.7670, 49.9926,
-87.3580

0.0000, NaN, NaN

■ 82.5976, 51.5107,


0.0000, NaN, NaN


-88.0084

 95.0226, 52.9285,
-88.7800


 14.5688, 38.9814,
-99.3586


 14.5688, 38.9814,
-99.3586


 14.5693, 38.9818,
-99.3549

 16.0710, 35.0020,
-88.3127

 18.2947, 30.1599,
-75.0150

 21.2990, 24.7838,
-61.0121

 24.9029, 19.6257,
-48.0900

 28.9574, 14.9397,
-36.7435

■ 33.3560, 10.7322,
-26.8741

■ 38.0248, 6.9293,
-18.2174

■ 42.9128, 3.4462,
-10.5086

■ 47.9839, 0.2094,
-3.5289

Harmonies

Analogous

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



14.5693, 5.0193, -149.0467



14.5688, 38.9814, -99.3586



14.5693, 71.9040, -30.2630

Triad

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



14.5693, 38.9818, -99.3549



14.5693, 22.8451, 10.1985



14.5693, -25.4963, -5.3296

Complementary

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



14.5688, 38.9814, -99.3586



50.2353, -17.5738, 30.6471

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.



14.5693, -25.4963, 10.1985



14.5688, 38.9814, -99.3586



14.5693, -5.7905, 10.1985

Square

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



14.5693, 38.9818, -99.3549



14.5693, 59.0543, 10.1985



14.5693, -20.3095, 10.1985



14.5693, -25.4963, -58.6263

Rectangle

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



14.5688, 38.9814, -99.3586



14.5693, 81.5967, -2.0865



14.5693, -20.3095, 10.1985



14.5693, -25.4963, 3.1833

Sweetspot

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



14.5693, 38.9818, -99.3549



50.4857, 9.5776, -25.0630



44.1198, -21.2907, -9.1854



22.6934, 5.3953, -13.8048



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.



14.5693, 38.9818, -99.3549



19.4117, 52.1029, -133.6542



19.6104, 44.0079, -68.1371



22.9675, -0.0243, -1.4111



13.5131, 36.1175, -91.8551



1.4442, 3.6340, -8.0652

Inverse Universe

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



27.7717, 53.6556, -29.3070



37.1482, 71.7450, -39.0000



46.1543, -33.7234, 27.8497



23.4594, 1.6110, -0.5009



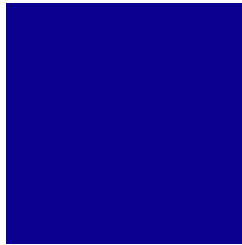
25.7240, 49.7048, -27.1889



2.5444, 4.9616, -3.0399

Previews

White Background



This preview shows how the HunterLab color 14.5688, 38.9814, -99.3586 looks on a white background.

Color Contrast Check

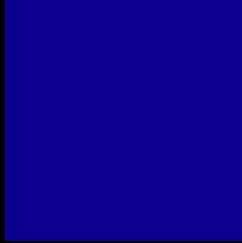
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5688, 38.9814, -99.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

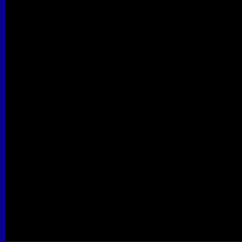
Any Text WCAG AA × Fail

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 14.5688, 38.9814, -99.3586 Background



This preview shows how black text looks on a background with the HunterLab color 14.5688, 38.9814, -99.3586.



This preview shows how white text looks on a background with the HunterLab color 14.5688, 38.9814, -99.3586.

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

14.5688, 38.9814, -99.3586

Protanopia

15.6494, 3.0346, -26.1111

Deuteranopia

15.7347, -1.6534, -16.0977



Tritanopia

15.6065, -7.9151, -2.4204

Trichromacy



Original Color

14.5688, 38.9814, -99.3586

Protanomaly

13.8340, 17.1099, -53.1830

Deuteranomaly

13.5799, 13.5445, -45.1492

Tritanomaly

12.8905, 7.6253, -31.4530

Monochromacy



Original Color

14.5688, 38.9814, -99.3586

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

8.8807, 11.1758, -27.7202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.5688, 38.9814, -99.3586 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(12, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(12, 0, 145)  
}
```

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(12, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 0, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 14.5688, 38.9814, -99.3586 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(12, 0, 145) }
```


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

```
.border{ border-color:rgb(12, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(12, 0, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.5688, 38.9814, -99.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 0, 145) }
```

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

```
.background{ background-color: rgb(12, 0,  
145) }
```

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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