

Converting Colors

HunterLab(15.0505, 35.8426,
-96.1857)

Have a look what the booklet for
HunterLab(15.0505, 35.8426,
-96.1857) contains.

HunterLab(15.0380, 35.6371, -95.7264)	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(15.0380, 35.6371,
-95.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	000A91
RGB	0, 10, 145
RGB Percent	0%, 4%, 57%
CMY	0.9999, 0.9608, 0.4314
CMYK	1.00, 0.93, 0.00, 0.43
HSL	236°, 100%, 28%
HSV	236°, 100%, 57%
XYZ	5.2194, 2.2614, 26.9494
YIQ	22.4000, -49.2950, 39.8650

Conversions

Conversions Part 2

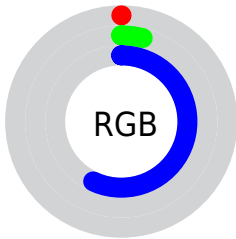
Format	Color
RYB	0, 9, 145
Decimal	2705
CIELab	16.80, 48.66, -69.01
CIELCh	17, 84.443, 305.185
Yxy	2.2614, 0.1516, 0.0657
Android (android.graphics.Color)	4278192785 (0xFF000A91)
YUV	22.4000, 60.4418, -19.6448
Hunter-Lab	15.0380, 35.6371, -95.7264

Details

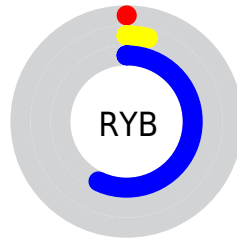
The HunterLab color **15.0380, 35.6371, -95.7264** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **48.3279, -9.4284, 29.6136**, and the grayscale version is **8.9132, -0.4756, 0.4843**.

A 20% lighter version of the original color is **30.7052, 39.1148, -85.9085**, and **8.8900, 24.1140, -63.1669** is the 20% darker color. If you saturate the color by 10%, you get **15.0360, 35.6452, -95.7416**, and if you desaturate by 10%, it is **16.6571, 31.0371, -84.5434**.

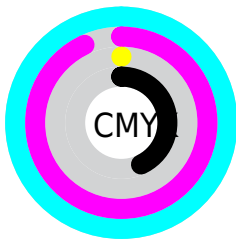
Distribution



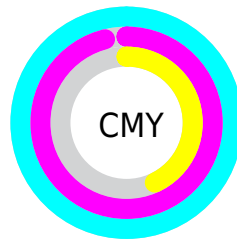
- Red (0%)
- Green (4%)
- Blue (57%)



- Red (0%)
- Yellow (4%)
- Blue (57%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0380, 35.6371, -95.7264 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 15.0380, 35.6371, -95.7264 by changing the saturation by 10% instead.

■ 15.0380, 35.6371,
-95.7264

■ 15.0380, 35.6371,
-95.7264

■ 108.9251, 49.9727,
-87.6822

■ 8.6785, 34.4380,
-112.1372

■ 30.7118, 39.4304,
-86.2362

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.8370, 41.2602,
-85.0064

0.0000, NaN, -NF

■ 49.7210, 42.9822,
-84.6831

0.0000, NaN, -NF

■ 60.3093, 44.5904,
-84.8750

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.5580, 46.0876,
-85.3711


0.0000, NaN, NaN


■ 83.4303, 47.4795,


0.0000, NaN, NaN


-86.0495

 95.8950, 48.7724,
-86.8356


 15.0380, 35.6371,
-95.7264


 15.0380, 35.6371,
-95.7264


 15.0360, 35.6452,
-95.7416

 16.6571, 31.0371,
-84.5434

 19.0497, 25.5051,
-71.1902

 22.1214, 20.1215,
-57.8143

 25.7134, 15.3314,
-45.6553

 29.7004, 11.2009,
-34.9790

■ 33.9933, 7.6478,
-25.6426

■ 38.5297, 4.5591,
-17.4004

■ 43.2658, 1.8327,
-10.0174

■ 48.1701, -0.6135,
-3.3006

Harmonies

Analogous

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



15.0380, 3.5545, -138.7952



15.0380, 35.6371, -95.7264



15.0380, 67.2415, -31.2555

Triad

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



15.0380, 35.6397, -95.7269



15.0380, 23.5917, 10.5266



15.0380, -26.3165, -3.6649

Complementary

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



15.0380, 35.6371, -95.7264



48.3279, -9.4284, 29.6136

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.



15.0380, -26.3165, 10.5266



15.0380, 35.6371, -95.7264



15.0380, -4.7150, 10.5266

Square

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



15.0380, 35.6397, -95.7269



15.0380, 57.7584, 10.5266



15.0380, -19.4284, 10.5266



15.0380, -25.3274, -51.9746

Rectangle

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



15.0380, 35.6371, -95.7264



15.0380, 77.2304, -3.3082



15.0380, -19.4284, 10.5266



15.0380, -26.3165, 4.0304

Sweetspot

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



15.0380, 35.6397, -95.7269



51.1640, 6.3500, -23.9547



46.8425, -27.2775, 0.3369



23.0460, 3.7013, -13.1905



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.



15.0380, 35.6397, -95.7269



19.8706, 48.7374, -130.0466



17.3750, 41.5138, -79.9780



23.0454, -0.3811, -1.3167



13.9831, 32.7776, -88.2352



1.6789, 2.1252, -6.6863

Inverse Universe

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



24.5808, 42.1794, 15.1928



32.8778, 56.3924, 20.5611



47.0778, -29.9295, 28.4844



23.3018, 0.7640, 1.7430



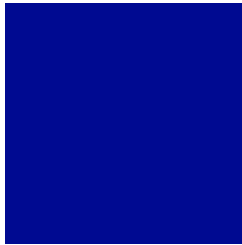
22.7678, 39.0800, 14.0185



2.2476, 3.9004, 1.0547

Previews

White Background



This preview shows how the HunterLab color 15.0380, 35.6371, -95.7264 looks on a white background.

Color Contrast Check

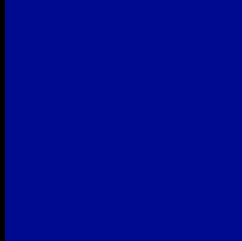
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0380, 35.6371, -95.7264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

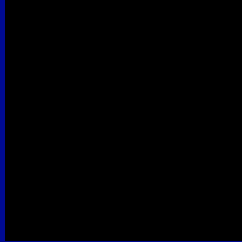
Any Text WCAG AA × Fail

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 15.0380, 35.6371, -95.7264 Background



This preview shows how black text looks on a background with the HunterLab color 15.0380, 35.6371, -95.7264.



This preview shows how white text looks on a background with the HunterLab color 15.0380, 35.6371, -95.7264.

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

15.0380, 35.6371, -95.7264

Protanopia

15.7033, 3.3164, -26.7868

Deuteranopia

15.7347, -1.6534, -16.0977



Tritanopia

15.6351, -7.7460, -2.8212

Trichromacy



Original Color

15.0380, 35.6371, -95.7264

Protanomaly

14.5112, 15.2528, -51.0643

Deuteranomaly

14.2383, 11.3490, -42.2960

Tritanomaly

13.6892, 5.7835, -29.5953

Monochromacy



Original Color

15.0380, 35.6371, -95.7264

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.6500, 9.2037, -26.5187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0380, 35.6371, -95.7264 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, 10, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 10, 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(0, 10, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 10, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0380, 35.6371, -95.7264 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, 10, 145) }
```


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

```
.border{ border-color:rgb(0, 10, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 10, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 10, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 10, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 10, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0380, 35.6371, -95.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 10, 145) }
```

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

```
.background{ background-color: rgb(0, 10,  
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](#).

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