

Converting Colors

HunterLab(15.6507, 40.9517,
-103.8082)

Have a look what the booklet for
HunterLab(15.6507, 40.9517,
-103.8082) contains.

HunterLab(15.6923, 40.8183, -103.4818)	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(15.6923, 40.8183,
-103.4818)**

Conversions

Conversions Part 1	
Format	Color
Hex	110299
RGB	17, 2, 153
RGB Percent	7%, 1%, 60%
CMY	0.9333, 0.9922, 0.4000
CMYK	0.89, 0.99, 0.00, 0.40
HSL	246°, 97%, 30%
HSV	246°, 99%, 60%
XYZ	6.0026, 2.4625, 30.2959
YIQ	23.6990, -39.5310, 50.1410

Conversions

Conversions Part 2

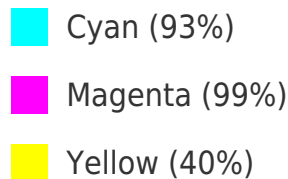
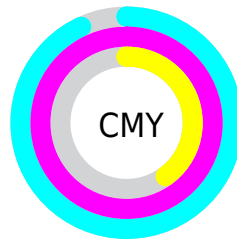
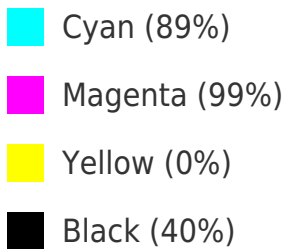
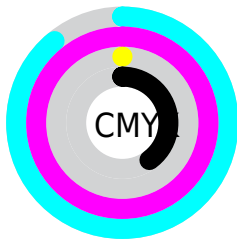
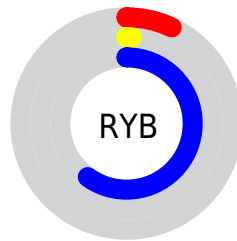
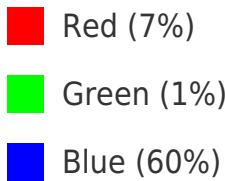
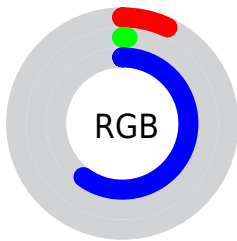
Format	Color
RYB	17, 2, 153
Decimal	1114777
CIELab	17.75, 53.65, -72.38
CIELCh	18, 90.098, 306.547
Yxy	2.4625, 0.1549, 0.0635
Android (android.graphics.Color)	4279304857 (0xFF110299)
YUV	23.6990, 63.7454, -5.8750
Hunter-Lab	15.6923, 40.8183, -103.4818

Details

The HunterLab color **15.6923, 40.8183, -103.4818** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **53.0924, -19.3519, 32.3126**, and the grayscale version is **9.2895, -0.4957, 0.5047**.

A 20% lighter version of the original color is **31.5636, 44.8111, -93.0761**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **15.5027, 41.3840, -104.9815**, and if you desaturate by 10%, it is **17.3149, 36.8489, -91.8815**.











Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.6923, 40.8183, -103.4818 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 15.6923, 40.8183, -103.4818 by changing the saturation by 10% instead.


 15.6923, 40.8183, -103.4818	 15.6923, 40.8183, -103.4818
 110.1845, 56.3889, -93.7338	 9.2615, 39.4439, -120.3318
 31.5397, 44.7658, -92.9626	0.0000, INF, -NF
	0.0000, NaN, -NF
 40.7393, 46.7312, -91.4725	0.0000, NaN, -NF
	0.0000, NaN, -NF
 50.6919, 48.6031, -90.9785	0.0000, NaN, NaN
	0.0000, NaN, NaN
 61.3444, 50.3682, -91.0593	0.0000, NaN, NaN
	0.0000, NaN, NaN
 72.6535, 52.0252, -91.4854	0.0000, NaN, NaN
	0.0000, NaN, NaN
 84.5830, 53.5775,	


-92.1232


 97.1022, 55.0302,
-92.8902


 15.6923, 40.8183,
-103.4818

 15.6923, 40.8183,
-103.4818

 15.5027, 41.3840,
-104.9815

 17.3149, 36.8489,
-91.8815

 19.7822, 31.6646,
-77.5810

 23.0544, 25.9902,
-62.8437

 26.9423, 20.5609,
-49.3588

 31.2935, 15.6148,
-37.5427

■ 35.9996, 11.1513,
-27.2567

■ 40.9856, 7.0942,
-18.2170

■ 46.1996, 3.3578,
-10.1494

■ 51.6046, -0.1315,
-2.8290

Harmonies

Analogous

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



15.6923, 5.2101, -154.6995



15.6923, 40.8183, -103.4818



15.6923, 75.2159, -31.7888

Triad

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



15.6923, 40.8211, -103.4823



15.6923, 24.1029, 10.9846



15.6923, -27.4615, -5.5145

Complementary

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



15.6923, 40.8183, -103.4818



53.0924, -19.3519, 32.3126

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.



15.6923, -27.4615, 10.9846



15.6923, 40.8183, -103.4818



15.6923, -6.0897, 10.9846

Square

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



15.6923, 40.8211, -103.4823



15.6923, 61.9597, 10.9846



15.6923, -21.1169, 10.9846



15.6923, -26.3180, -60.9498

Rectangle

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



15.6923, 40.8183, -103.4818



15.6923, 85.3628, -2.2527



15.6923, -21.1169, 10.9846



15.6923, -27.4615, 3.4324

Sweetspot

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



15.6923, 40.8211, -103.4823



53.5590, 10.4862, -26.5607



46.0334, -21.5656, -10.8278



23.9529, 5.8988, -14.6361



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



15.6923, 40.8211, -103.4823



20.6528, 55.3114, -141.2478



21.2623, 46.7061, -70.1180



24.6054, 0.0227, -1.5341



14.1203, 37.6427, -95.2256



1.9132, 4.7617, -10.2775

Inverse Universe

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



29.4106, 56.2253, -29.3473



39.2270, 75.4857, -39.0563



48.8955, -36.0048, 29.4295



25.1258, 1.7438, -0.5096



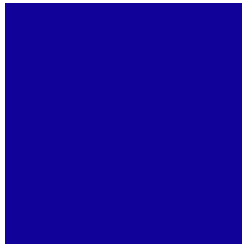
26.6668, 51.3451, -26.7784



3.3011, 6.4194, -3.8062

Previews

White Background



This preview shows how the HunterLab color 15.6923, 40.8183, -103.4818 looks on a white background.

Color Contrast Check

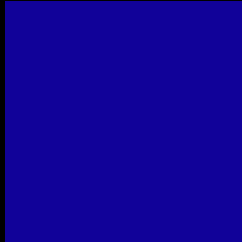
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6923, 40.8183, -103.4818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

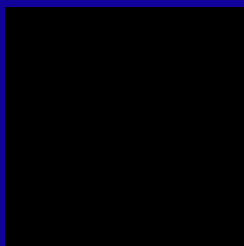
Any Text WCAG AA × Fail

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 15.6923, 40.8183, -103.4818 Background



This preview shows how black text looks on a background with the HunterLab color 15.6923, 40.8183, -103.4818.



This preview shows how white text looks on a background with the HunterLab color 15.6923, 40.8183, -103.4818.

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

15.6923, 40.8183, -103.4818

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.4106, -1.4724, -17.3334



Tritanopia

16.4995, -8.3854, -2.5211

Trichromacy



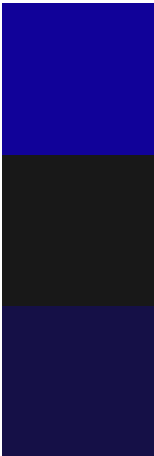
Original Color
15.6923, 40.8183, -103.4818

Protanomaly
14.7594, 18.5179, -56.9556

Deuteranomaly
14.4230, 14.5975, -48.0379

Tritanomaly
13.8599, 7.8472, -32.7010

Monochromacy



Original Color
15.6923, 40.8183, -103.4818

Achromatopsia
9.5572, -0.5099, 0.5193

Achromatomaly
9.9244, 11.9831, -29.2881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6923, 40.8183, -103.4818 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(17, 2, 153)` looks like.

```
.text, #text, p{  
    color:rgb(17, 2, 153)  
}
```

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(17, 2, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 2, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6923, 40.8183, -103.4818 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(17, 2, 153) }
```


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

```
.border{ border-color:rgb(17, 2, 153) }
```

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

Here you see how a box with a 4 pixel rgb(17, 2, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 2, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 2, 153);  
box-shadow:4px 4px 4px 4px rgb(17, 2, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6923, 40.8183, -103.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 2, 153) }
```

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

```
.background{ background-color: rgb(17, 2,  
153) }
```

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