

Converting Colors

HunterLab(15.7439, 22.9084,
-66.1584)

Have a look what the booklet for
HunterLab(15.7439, 22.9084,
-66.1584) contains.

HunterLab(15.7308, 23.2781, -66.8707)	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(15.7308, 23.2781,
-66.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1C80
RGB	13, 28, 128
RGB Percent	5%, 11%, 50%
CMY	0.9490, 0.8902, 0.4980
CMYK	0.90, 0.78, 0.00, 0.50
HSL	232°, 82%, 28%
HSV	232°, 90%, 50%
XYZ	4.4775, 2.4746, 20.6637
YIQ	34.9150, -41.0400, 27.9200

Conversions

Conversions Part 2

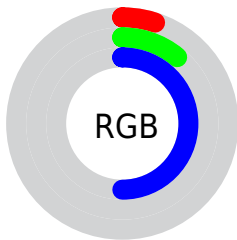
Format	Color
R_{YB}	13, 26, 128
Decimal	859264
CIE _{Lab}	17.80, 34.88, -56.65
CIE _{LCh}	18, 66.527, 301.619
Y _{xy}	2.4746, 0.1621, 0.0896
Android (android.graphics.Color)	4279049344 (0xFF0D1C80)
YUV	34.9150, 45.8909, -19.2195
Hunter-Lab	15.7308, 23.2781, -66.8707

Details

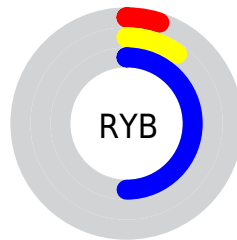
The HunterLab color **15.7308, 23.2781, -66.8707** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **40.5365, -5.4080, 24.3261**, and the grayscale version is **12.8068, -0.6833, 0.6958**.

A 20% lighter version of the original color is **31.6659, 26.2204, -62.8917**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **13.9881, 27.8067, -77.4554**, and if you desaturate by 10%, it is **17.9869, 18.6123, -55.9079**.

Distribution



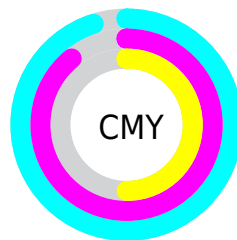
- Red (5%)
- Green (11%)
- Blue (50%)



- Red (5%)
- Yellow (10%)
- Blue (50%)



- Cyan (90%)
- Magenta (78%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (89%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7308, 23.2781, -66.8707 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 15.7308, 23.2781, -66.8707 by changing the saturation by 10% instead.

■ 15.7308, 23.2781,
-66.8707

■ 15.7308, 23.2781,
-66.8707

■ 110.2584, 33.2394,
-67.0445

■ 9.2945, 21.6788,
-74.4411

■ 31.5884, 26.3116,
-63.1034

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.7923, 27.6331,
-63.0143

0.0000, NaN, -NF

■ 50.7490, 28.8275,
-63.3679

0.0000, NaN, -NF

■ 61.4052, 29.9052,
-63.9572

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7178, 30.8765,
-64.6714

0.0000, NaN, NaN

■ 84.6507, 31.7507,

0.0000, NaN, NaN

-65.4470

97.1730, 32.5360,
-66.2459

15.7308, 23.2781,
-66.8707

15.7308, 23.2781,
-66.8707

13.9881, 27.8067,
-77.4554

17.9869, 18.6123,
-55.9079

13.9627, 27.8753,
-77.6269

20.7027, 14.3840,
-45.4776

23.7757, 10.7385,
-36.0886

27.1270, 7.6439,
-27.7862

30.6995, 5.0123,
-20.4367

■ 34.4521, 2.7523,
-13.8678

■ 38.3553, 0.7854,
-7.9206

■ 42.3871, -0.9505,
-2.4639

■ 46.5309, -2.5037,
2.6063

Harmonies

Analogous

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



15.7309, 0.2059, -88.6573



15.7308, 23.2781, -66.8707



15.7309, 45.9741, -26.2656

Triad

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



15.7309, 23.2797, -66.8705



15.7309, 20.5813, 11.0116



15.7309, -24.6931, -0.1581

Complementary

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



15.7308, 23.2781, -66.8707



40.5365, -5.4080, 24.3261

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.



15.7309, -22.4855, 11.0116



15.7308, 23.2781, -66.8707



15.7309, -1.8597, 11.0116

Square

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



15.7309, 23.2797, -66.8705



15.7309, 43.9636, 11.0116



15.7309, -15.7844, 11.0116



15.7309, -21.9649, -30.4630

Rectangle

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



15.7308, 23.2781, -66.8707



15.7309, 54.1244, -5.1028



15.7309, -15.7844, 11.0116



15.7309, -24.5037, 5.1286

Sweetspot

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



15.7309, 23.2797, -66.8705



46.8439, 3.0444, -16.5913



40.8765, -24.1653, 2.2461



21.9720, 1.8485, -9.1449



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



15.7309, 23.2797, -66.8705



18.1732, 38.3207, -105.4383



16.3215, 32.9615, -63.5519



20.7247, -0.5199, -1.0086



13.9084, 27.7401, -77.2672

0.0000, NaN, NaN

Inverse Universe

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



22.2738, 35.1956, 11.4171



28.5244, 49.0465, 16.8992



41.7591, -23.4308, 24.7803



20.8631, 0.6973, 1.4139

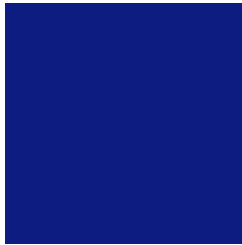


21.4238, 36.8722, 12.4224

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.7308, 23.2781, -66.8707 looks on a white background.

Color Contrast Check

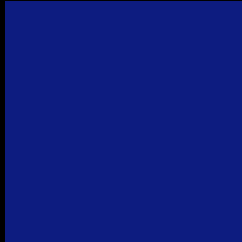
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7308, 23.2781, -66.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

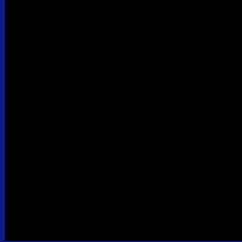
Any Text WCAG AA × Fail

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 15.7308, 23.2781, -66.8707 Background



This preview shows how black text looks on a background with the HunterLab color 15.7308, 23.2781, -66.8707.



This preview shows how white text looks on a background with the HunterLab color 15.7308, 23.2781, -66.8707.

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

15.7308, 23.2781, -66.8707

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.7791, -1.4077, -16.6836



Tritanopia

15.9033, -8.0714, -2.4539

Trichromacy



Original Color

15.7308, 23.2781, -66.8707

Protanomaly

15.5498, 10.1457, -40.1772

Deuteranomaly

15.2572, 7.2213, -33.4762

Tritanomaly

15.0578, 1.3703, -20.5807

Monochromacy



Original Color

15.7308, 23.2781, -66.8707

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0219, 5.2120, -17.5196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7308, 23.2781, -66.8707 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(13, 28, 128)` looks like.

```
.text, #text, p{  
    color:rgb(13, 28, 128)  
}
```

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(13, 28, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 28, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7308, 23.2781, -66.8707 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(13, 28, 128) }
```


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

```
.border{ border-color:rgb(13, 28, 128) }
```

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

Here you see how a box with a 4 pixel rgb(13, 28, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 28, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 28, 128);  
box-shadow:4px 4px 4px 4px rgb(13, 28,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7308, 23.2781, -66.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 28, 128) }
```

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

```
.background{ background-color: rgb(13, 28,  
128) }
```

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