

Converting Colors

HunterLab(15.9251, 10.1309,
-38.7695)

Have a look what the booklet for
HunterLab(15.9251, 10.1309,
-38.7695) contains.

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Color

**HunterLab(15.9251, 10.1309,
-38.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2768
RGB	13, 39, 104
RGB Percent	5%, 15%, 41%
CMY	0.9490, 0.8471, 0.5922
CMYK	0.87, 0.63, 0.00, 0.59
HSL	223°, 78%, 23%
HSV	223°, 87%, 41%
XYZ	3.3902, 2.5361, 13.4076
YIQ	38.6360, -36.3610, 14.7030

Conversions

Conversions Part 2

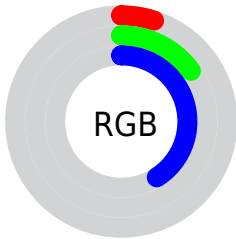
Format	Color
RYB	13, 33, 104
Decimal	862056
CIELab	18.08, 17.69, -40.74
CIElCh	18, 44.414, 293.469
Yxy	2.5361, 0.1754, 0.1312
Android (android.graphics.Color)	4279052136 (0xFF0D2768)
YUV	38.6360, 32.2245, -22.4828
Hunter-Lab	15.9251, 10.1309, -38.7695

Details

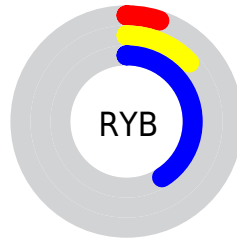
The HunterLab color **15.9251, 10.1309, -38.7695** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **29.0213, 1.5350, 17.1311**, and the grayscale version is **14.0354, -0.7489, 0.7626**.

A 20% lighter version of the original color is **31.7532, 11.8652, -38.9546**, and **5.3434, 14.4941, -37.9674** is the 20% darker color. If you saturate the color by 10%, you get **14.2350, 13.1635, -45.5472**, and if you desaturate by 10%, it is **17.8163, 7.4479, -32.4755**.

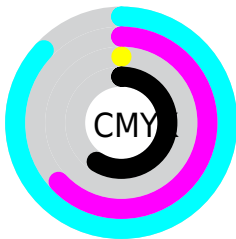
Distribution



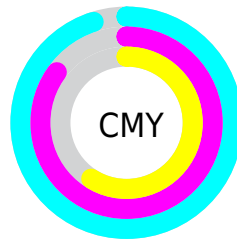
- Red (5%)
- Green (15%)
- Blue (41%)



- Red (5%)
- Yellow (13%)
- Blue (41%)



- Cyan (87%)
- Magenta (63%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9251, 10.1309, -38.7695 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 15.9251, 10.1309, -38.7695 by changing the saturation by 10% instead.

■ 15.9251, 10.1309,
-38.7695

■ 15.9251, 10.1309,
-38.7695

■ 110.6299, 13.3365,
-43.0432

■ 9.4587, 9.1763,
-40.8663

■ 31.8334, 11.5508,
-38.6877

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.0592, 12.0653,
-39.2280

0.0000, NaN, -NF

■ 51.0359, 12.4753,
-39.8739

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7109, 12.7941,
-40.5515

0.0000, NaN, NaN

■ 73.0412, 13.0322,
-41.2231

0.0000, NaN, NaN

■ 84.9908, 13.1977,

0.0000, NaN, NaN

-41.8686

97.5292, 13.2973,
-42.4772

15.9251, 10.1309,
-38.7695

15.9251, 10.1309,
-38.7695

14.2350, 13.1635,
-45.5472

17.8163, 7.4479,
-32.4755

13.8320, 13.9354,
-47.3714

19.9036, 5.2094,
-26.6579

22.1538, 3.3752,
-21.3406

24.5403, 1.8878,
-16.4875

27.0421, 0.6898,
-12.0395

■ 29.6428, -0.2688,
-7.9345

■ 32.3296, -1.0300,
-4.1153

■ 35.0922, -1.6279,
-0.5325

■ 37.9226, -2.0896,
2.8550

Harmonies

Analogous

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



15.9253, -3.5431, -44.0405



15.9251, 10.1309, -38.7695



15.9253, 24.0127, -20.1897

Triad

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



15.9253, 10.1317, -38.7691



15.9253, 16.5197, 11.1477



15.9253, -18.6180, 3.2969

Complementary

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



15.9251, 10.1309, -38.7695



29.0213, 1.5350, 17.1311

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.



15.9253, -16.1459, 9.9147



15.9251, 10.1309, -38.7695



15.9253, 2.0336, 11.1477

Square

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



15.9253, 10.1317, -38.7691



15.9253, 28.4389, 7.6374



15.9253, -9.4825, 11.1477



15.9253, -17.6719, -11.4927

Rectangle

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



15.9251, 10.1309, -38.7695



15.9253, 30.1103, -7.2949



15.9253, -9.4825, 11.1477



15.9253, -18.1926, 6.1756

Sweetspot

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



15.9253, 10.1317, -38.7691



39.5293, -0.4411, -10.1132



32.4314, -21.2792, 6.8760



19.0939, -0.0770, -5.6428



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



15.9253, 10.1317, -38.7691



17.8288, 19.8234, -65.0775



12.5782, 23.6002, -53.5708



16.9682, -0.7591, -0.5012



15.1902, 15.9301, -53.3750



32.7204, 42.0522, -131.6763

Inverse Universe

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



18.3784, 28.2420, 5.6268



23.0374, 40.0768, 10.0452



34.4947, -14.6078, 20.3447



16.9060, 0.5973, 0.8634



19.3300, 33.6647, 8.1371



43.9928, 76.3211, 20.8132

Previews

White Background



This preview shows how the HunterLab color 15.9251, 10.1309, -38.7695 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 15.9251, 10.1309, -38.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

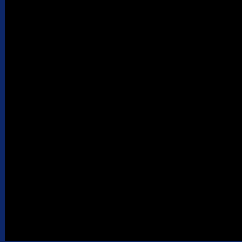
Any Text WCAG AA × Fail

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 15.9251, 10.1309, -38.7695 Background



This preview shows how black text looks on a background with the HunterLab color 15.9251, 10.1309, -38.7695.



This preview shows how white text looks on a background with the HunterLab color 15.9251, 10.1309, -38.7695.

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

15.9251, 10.1309, -38.7695

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.8242, -1.1597, -17.2754

Trichromacy



Original Color

15.9251, 10.1309, -38.7695

Protanomaly

15.9145, 5.8191, -31.3196

Deuteranomaly

15.6465, 2.8136, -24.4772

Monochromacy



Original Color

15.9251, 10.1309, -38.7695

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.4428, 1.3979, -10.3810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9251, 10.1309, -38.7695 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, 39, 104)` looks like.

```
.text, #text, p{  
    color:rgb(13, 39, 104)  
}
```

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, 39, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 39, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9251, 10.1309, -38.7695 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, 39, 104) }
```

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

```
.border{ border-color:rgb(13, 39, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 39, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 39, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 39, 104);  
box-shadow:4px 4px 4px 4px rgb(13, 39,  
104) }
```


Background

The CSS property to change the background color of an element to HunterLab 15.9251, 10.1309, -38.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 39, 104) }
```

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

```
.background{ background-color: rgb(13, 39,  
104) }
```

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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