

Converting Colors

HunterLab(11.7555, 16.4364,
-93.4281)

Have a look what the booklet for
HunterLab(11.7555, 16.4364,
-93.4281) contains.

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Color

**HunterLab(15.2190, 22.8939,
-68.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	001B7F
RGB	0, 27, 127
RGB Percent	0%, 11%, 50%
CMY	0.9999, 0.8941, 0.5020
CMYK	1.00, 0.79, 0.00, 0.50
HSL	227°, 100%, 25%
HSV	227°, 100%, 50%
XYZ	4.2227, 2.3162, 20.3032
YIQ	30.3270, -48.1920, 25.3760

Conversions

Conversions Part 2

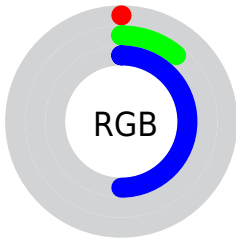
Format	Color
RYB	0, 22, 127
Decimal	7039
CIELab	17.07, 34.56, -57.25
CIELCh	17, 66.875, 301.120
Yxy	2.3162, 0.1573, 0.0863
Android (android.graphics.Color)	4278197119 (0xFF001B7F)
YUV	30.3270, 47.6598, -26.5968
Hunter-Lab	15.2190, 22.8939, -68.4437

Details

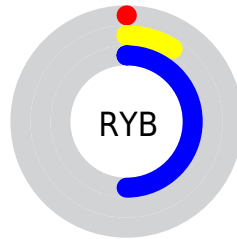
The HunterLab color **15.2190, 22.8939, -68.4437** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **36.9189, -0.2479, 22.7441**, and the grayscale version is **11.3645, -0.6064, 0.6175**.

A 20% lighter version of the original color is **30.9001, 26.2323, -64.3812**, and **7.3200, 19.8555, -52.0116** is the 20% darker color. If you saturate the color by 10%, you get **15.2168, 22.9012, -68.4568**, and if you desaturate by 10%, it is **17.1431, 18.4605, -58.5565**.

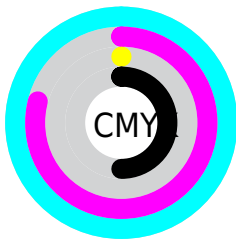
Distribution



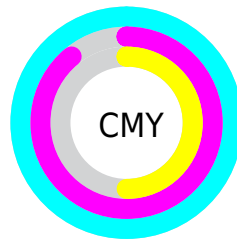
- Red (0%)
- Green (11%)
- Blue (50%)



- Red (0%)
- Yellow (9%)
- Blue (50%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (89%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2190, 22.8939, -68.4437 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 15.2190, 22.8939, -68.4437 by changing the saturation by 10% instead.

■ 15.2190, 22.8939,
-68.4437

■ 15.2190, 22.8939,
-68.4437

■ 109.2750, 32.8158,
-67.9470

■ 8.8446, 21.4343,
-77.1301

■ 30.9413, 25.9215,
-64.1693

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.0873, 27.2398,
-63.9951

0.0000, NaN, -NF

■ 49.9905, 28.4303,
-64.3024

0.0000, NaN, -NF

■ 60.5967, 29.5034,
-64.8671

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8622, 30.4696,
-65.5696

0.0000, NaN, NaN

■ 83.7504, 31.3384,

0.0000, NaN, NaN

-66.3418

96.2303, 32.1181,
-67.1427

15.2190, 22.8939,
-68.4437

15.2190, 22.8939,
-68.4437

15.2168, 22.9012,
-68.4568

17.1431, 18.4605,
-58.5565

19.4357, 14.2834,
-49.0257

22.0752, 10.6744,
-40.1386

24.9924, 7.6458,
-32.0994

28.1331, 5.1303,
-24.8903

■ 31.4568, 3.0419,
-18.4079

■ 34.9329, 1.2997,
-12.5306

■ 38.5387, -0.1638,
-7.1458

■ 42.2568, -1.4026,
-2.1585

Harmonies

Analogous

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



15.2191, -0.0957, -90.1304



15.2190, 22.8939, -68.4437



15.2191, 45.8794, -27.1173

Triad

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



15.2191, 22.8956, -68.4436



15.2191, 21.0197, 10.6534



15.2191, -24.7154, 0.1368

Complementary

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



15.2190, 22.8939, -68.4437



36.9189, -0.2479, 22.7441

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.



15.2191, -22.3378, 10.6534



15.2190, 22.8939, -68.4437



15.2191, -1.5170, 10.6534

Square

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



15.2191, 22.8956, -68.4436



15.2191, 44.4741, 10.6534



15.2191, -15.4105, 10.6534



15.2191, -21.9634, -30.0640

Rectangle

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



15.2190, 22.8939, -68.4437



15.2191, 54.3173, -5.5333



15.2191, -15.4105, 10.6534



15.2191, -24.4896, 5.2574

Sweetspot

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



15.2191, 22.8956, -68.4436



46.4025, 1.8952, -17.3163



40.1113, -26.2937, 6.6265



21.6454, 1.2997, -9.6986



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.



15.2191, 22.8956, -68.4436



19.8972, 32.1718, -94.3194



13.8118, 34.7403, -77.0734



20.8529, -0.7359, -0.8487



15.2756, 23.0176, -68.7816

0.0000, NaN, NaN

Inverse Universe

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



21.4279, 37.0608, 10.9838



28.6403, 49.4756, 15.1870



41.7182, -22.0646, 25.3196



20.8760, 0.7667, 1.2299



21.5176, 37.2193, 11.0382

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.2190, 22.8939, -68.4437 looks on a white background.

Color Contrast Check

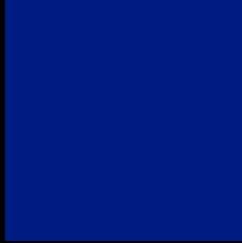
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2190, 22.8939, -68.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

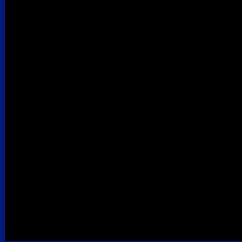
Any Text WCAG AA × Fail

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 15.2190, 22.8939, -68.4437 Background



This preview shows how black text looks on a background with the HunterLab color 15.2190, 22.8939, -68.4437.



This preview shows how white text looks on a background with the HunterLab color 15.2190, 22.8939, -68.4437.

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

15.2190, 22.8939, -68.4437

Protanopia

15.4182, 3.4796, -26.7827

Deuteranopia

15.4427, -1.4983, -16.0676



Tritanopia

15.6065, -7.9151, -2.4204

Trichromacy



Original Color

15.2190, 22.8939, -68.4437

Protanomaly

15.1737, 10.0285, -40.6144

Deuteranomaly

14.8134, 6.7737, -33.1381

Tritanomaly

14.6642, 1.1685, -20.8515

Monochromacy



Original Color

15.2190, 22.8939, -68.4437

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.8272, 4.3867, -17.7055

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2190, 22.8939, -68.4437 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, 27, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 127)  
}
```

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, 27, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2190, 22.8939, -68.4437 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, 27, 127) }
```


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

```
.border{ border-color:rgb(0, 27, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 27, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 27, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2190, 22.8939, -68.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 127) }
```

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

```
.background{ background-color: rgb(0, 27,  
127) }
```

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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