

Converting Colors

HunterLab(15.5615, 22.1088,
-67.1771)

Have a look what the booklet for
HunterLab(15.5615, 22.1088,
-67.1771) contains.

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Color

**HunterLab(15.6117, 22.2523,
-67.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	001D80
RGB	0, 29, 128
RGB Percent	0%, 11%, 50%
CMY	0.9999, 0.8863, 0.4980
CMYK	1.00, 0.77, 0.00, 0.50
HSL	226°, 100%, 25%
HSV	226°, 100%, 50%
XYZ	4.3357, 2.4373, 20.6641
YIQ	31.6150, -49.0630, 24.6410

Conversions

Conversions Part 2

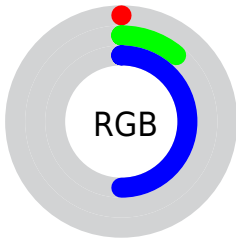
Format	Color
RYB	0, 24, 128
Decimal	7552
CIELab	17.63, 33.69, -56.95
CIELCh	18, 66.165, 300.606
Yxy	2.4373, 0.1580, 0.0888
Android (android.graphics.Color)	4278197632 (0xFF001D80)
YUV	31.6150, 47.5178, -27.7264
Hunter-Lab	15.6117, 22.2523, -67.5496

Details

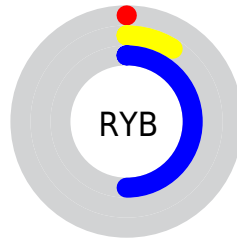
The HunterLab color **15.6117, 22.2523, -67.5496** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.7647, 0.5555, 22.6632**, and the grayscale version is **11.7661, -0.6278, 0.6393**.

A 20% lighter version of the original color is **31.3815, 25.4794, -63.8311**, and **7.4166, 20.1175, -52.6980** is the 20% darker color. If you saturate the color by 10%, you get **15.6094, 22.2595, -67.5624**, and if you desaturate by 10%, it is **17.5703, 17.8313, -57.7746**.

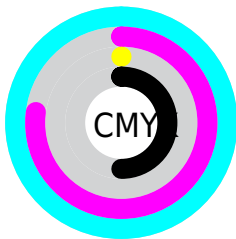
Distribution



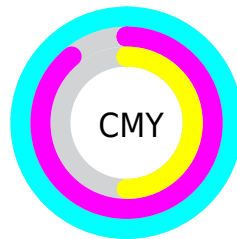
- Red (0%)
- Green (11%)
- Blue (50%)



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



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6117, 22.2523, -67.5496 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 15.6117, 22.2523, -67.5496 by changing the saturation by 10% instead.

■ 15.6117, 22.2523,
-67.5496

■ 15.6117, 22.2523,
-67.5496

■ 110.0303, 31.8103,
-67.5044

■ 9.1922, 20.6891,
-75.4154

■ 31.4380, 25.2009,
-63.6173

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.6286, 26.4752,
-63.4991

0.0000, NaN, -NF

■ 50.5729, 27.6223,
-63.8367

0.0000, NaN, -NF

■ 61.2175, 28.6532,
-64.4176

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5192, 29.5786,
-65.1280

0.0000, NaN, NaN

■ 84.4417, 30.4080,

0.0000, NaN, NaN

-65.9028

■ 96.9543, 31.1495,
-66.7030

■ 15.6117, 22.2523,
-67.5496

■ 15.6117, 22.2523,
-67.5496

■ 15.6094, 22.2595,
-67.5624

■ 17.5703, 17.8313,
-57.7746

■ 19.8826, 13.7086,
-48.4077

■ 22.5300, 10.1675,
-39.6822

■ 25.4474, 7.2083,
-31.7751

■ 28.5832, 4.7612,
-24.6655

■ 31.8986, 2.7402,
-18.2552

■ 35.3642, 1.0658,
-12.4291

■ 38.9580, -0.3286,
-7.0805

■ 42.6629, -1.4966,
-2.1189

Harmonies

Analogous

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



15.6118, -0.4481, -87.9773



15.6117, 22.2523, -67.5496



15.6118, 44.9947, -27.3353

Triad

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



15.6118, 22.2539, -67.5494



15.6118, 21.2510, 10.9282



15.6118, -24.5738, 0.4802

Complementary

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



15.6117, 22.2523, -67.5496



36.7647, 0.5555, 22.6632

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.



15.6118, -22.1975, 10.9282



15.6117, 22.2523, -67.5496



15.6118, -1.2159, 10.9282

Square

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



15.6118, 22.2539, -67.5494



15.6118, 44.2474, 10.9282



15.6118, -15.3401, 10.9282



15.6118, -22.0020, -28.8953

Rectangle

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



15.6117, 22.2523, -67.5496



15.6118, 53.4761, -5.8947



15.6118, -15.3401, 10.9282



15.6118, -24.3272, 5.4970

Sweetspot

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



15.6118, 22.2539, -67.5494



46.5953, 1.5573, -17.0133



40.4017, -26.8287, 7.4182



21.7485, 1.1170, -9.5288



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.



15.6118, 22.2539, -67.5494



20.2500, 31.0115, -92.2556



13.7893, 34.9100, -78.7018



20.8748, -0.7725, -0.8216



15.5495, 22.1466, -67.2437

0.0000, NaN, NaN

Inverse Universe

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



21.6293, 37.4467, 10.7974



28.6652, 49.5678, 14.8194



42.2035, -21.7393, 25.6244



20.8782, 0.7786, 1.1984

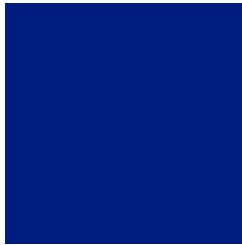


21.5374, 37.2924, 10.7469

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.6117, 22.2523, -67.5496 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 15.6117, 22.2523, -67.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

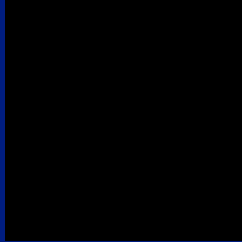
Any Text WCAG AA × Fail

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 15.6117, 22.2523, -67.5496 Background



This preview shows how black text looks on a background with the HunterLab color 15.6117, 22.2523, -67.5496.



This preview shows how white text looks on a background with the HunterLab color 15.6117, 22.2523, -67.5496.

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

15.6117, 22.2523, -67.5496

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.7791, -1.4077, -16.6836

Trichromacy



Original Color

15.6117, 22.2523, -67.5496

Protanomaly

15.4457, 9.8564, -40.5829

Deuteranomaly

15.3692, 6.4379, -33.1077

Monochromacy



Original Color

15.6117, 22.2523, -67.5496

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.3852, 4.1469, -17.7163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6117, 22.2523, -67.5496 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, 29, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 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(0, 29, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6117, 22.2523, -67.5496 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, 29, 128) }
```

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

```
.border{ border-color:rgb(0, 29, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 29, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 29, 128)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 15.6117, 22.2523, -67.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 128) }
```

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

```
.background{ background-color: rgb(0, 29,  
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](#).

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