

Converting Colors

HunterLab(15.0013, 20.8222,
-56.9081)

Have a look what the booklet for
HunterLab(15.0013, 20.8222,
-56.9081) contains.

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Color

**HunterLab(15.0013, 20.8222,
-56.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	171B75
RGB	23, 27, 117
RGB Percent	9%, 11%, 46%
CMY	0.9098, 0.8941, 0.5412
CMYK	0.80, 0.77, 0.00, 0.54
HSL	237°, 67%, 27%
HSV	237°, 80%, 46%
XYZ	3.9562, 2.2504, 17.0555
YIQ	36.0640, -31.2740, 27.1420

Conversions

Conversions Part 2

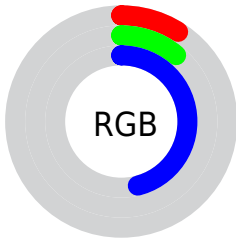
Format	Color
R_{YB}	23, 27, 117
Decimal	1514357
CIE Lab	16.75, 32.12, -51.35
CIE LCh	17, 60.564, 302.027
Yxy	2.2504, 0.1701, 0.0967
Android (android.graphics.Color)	4279704437 (0xFF171B75)
YUV	36.0640, 39.9014, -11.4571
Hunter-Lab	15.0013, 20.8222, -56.9081

Details

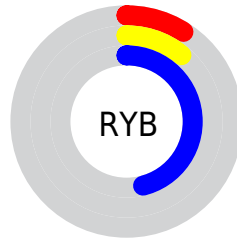
The HunterLab color **15.0013, 20.8222, -56.9081** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **39.5677, -8.8061, 23.0120**, and the grayscale version is **13.1873, -0.7036, 0.7165**.

A 20% lighter version of the original color is **30.7706, 23.4170, -53.9074**, and **6.4603, 17.5236, -45.9032** is the 20% darker color. If you saturate the color by 10%, you get **13.1232, 25.1210, -67.5097**, and if you desaturate by 10%, it is **17.4235, 16.5709, -46.2433**.

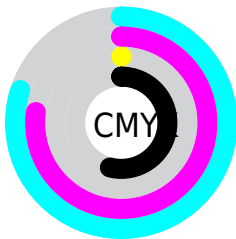
Distribution



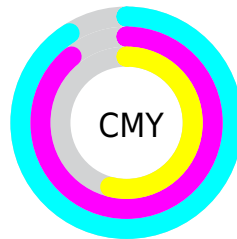
- Red (9%)
- Green (11%)
- Blue (46%)



- Red (9%)
- Yellow (11%)
- Blue (46%)



- Cyan (80%)
- Magenta (77%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0013, 20.8222, -56.9081 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 15.0013, 20.8222, -56.9081 by changing the saturation by 10% instead.

■ 15.0013, 20.8222,
-56.9081

■ 15.0013, 20.8222,
-56.9081

■ 108.8544, 29.9016,
-58.6342

■ 8.6445, 19.5098,
-63.3021

■ 30.6654, 23.6709,
-54.3513

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.7864, 24.8903,
-54.5047

0.0000, NaN, -NF

■ 49.6665, 25.9819,
-54.9901

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2512, 26.9575,
-55.6414

0.0000, NaN, NaN


■ 71.4965, 27.8283,
-56.3712


0.0000, NaN, NaN


■ 83.3655, 28.6038,


0.0000, NaN, NaN


-57.1306


 95.8271, 29.2926,
-57.8907


 15.0013, 20.8222,
-56.9081


 15.0013, 20.8222,
-56.9081


 13.1232, 25.1210,
-67.5097


 17.4235, 16.5709,
-46.2433

 11.7993, 28.7420,
-76.7937

 20.2618, 12.7433,
-36.5390

 23.4157, 9.4111,
-28.0205

 26.8136, 6.5192,
-20.5772

 30.4055, 3.9838,
-14.0121

■ 34.1564, 1.7268,
-8.1365

■ 38.0410, -0.3148,
-2.7954

■ 42.0408, -2.1899,
2.1321

■ 46.1419, -3.9355,
6.7382

Harmonies

Analogous

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



15.0014, 0.3751, -75.6350



15.0013, 20.8222, -56.9081



15.0014, 40.4765, -22.3868

Triad

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



15.0014, 20.8234, -56.9078



15.0014, 17.8636, 10.5010



15.0014, -22.8619, -0.3280

Complementary

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



15.0013, 20.8222, -56.9081



39.5677, -8.8061, 23.0120

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.



15.0014, -20.8176, 10.3706



15.0013, 20.8222, -56.9081



15.0014, -1.9425, 10.5010

Square

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



15.0014, 20.8234, -56.9078



15.0014, 38.2974, 10.5010



15.0014, -14.5207, 10.5010



15.0014, -20.1953, -26.8915

Rectangle

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



15.0013, 20.8222, -56.9081



15.0014, 47.3763, -4.1807



15.0014, -14.5207, 10.5010



15.0014, -22.7028, 4.5277

Sweetspot

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



15.0014, 20.8234, -56.9078



43.5330, 3.5649, -14.1580



37.5253, -19.7365, -1.5818



20.1957, 2.1211, -7.8602



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



15.0014, 20.8234, -56.9078



16.1589, 37.5839, -99.9631



17.4117, 28.1450, -46.0867



19.0067, -0.2794, -1.0523



12.3609, 30.2699, -80.7941



26.6953, 69.3278, -183.0258

Inverse Universe

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



21.1522, 29.1488, 10.6379



26.3298, 43.8980, 16.1835



37.7737, -21.7097, 21.6230



19.2436, 0.5485, 1.4773



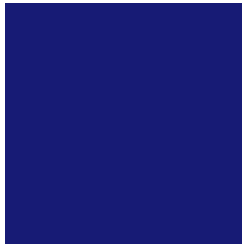
20.4407, 35.0611, 12.7763



45.0875, 77.2653, 28.7343

Previews

White Background



This preview shows how the HunterLab color 15.0013, 20.8222, -56.9081 looks on a white background.

Color Contrast Check

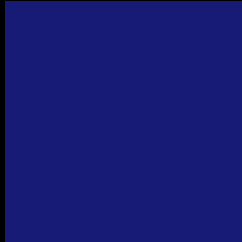
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0013, 20.8222, -56.9081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

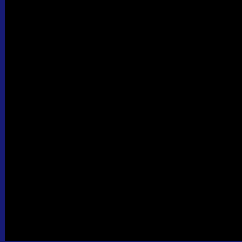
Any Text WCAG AA × Fail

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 15.0013, 20.8222, -56.9081 Background



This preview shows how black text looks on a background with the HunterLab color 15.0013, 20.8222, -56.9081.



This preview shows how white text looks on a background with the HunterLab color 15.0013, 20.8222, -56.9081.

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

15.0013, 20.8222, -56.9081

Protanopia

15.0259, 3.0787, -25.4270

Deuteranopia

15.1076, -1.5876, -15.4560



Tritanopia

15.0159, -7.6041, -2.3536

Trichromacy



Original Color

15.0013, 20.8222, -56.9081

Protanomaly

14.7528, 9.1340, -36.2003

Deuteranomaly

14.6939, 5.8266, -28.9792

Tritanomaly

14.3653, 0.8922, -17.8716

Monochromacy



Original Color

15.0013, 20.8222, -56.9081

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.2690, 4.5323, -14.0904

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0013, 20.8222, -56.9081 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(23, 27, 117)` looks like.

```
.text, #text, p{  
    color:rgb(23, 27, 117)  
}
```

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(23, 27, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 27, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0013, 20.8222, -56.9081 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(23, 27, 117) }
```


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

```
.border{ border-color:rgb(23, 27, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 27, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 27, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 27, 117);  
box-shadow:4px 4px 4px 4px rgb(23, 27,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.0013, 20.8222, -56.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 27, 117) }
```

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

```
.background{ background-color: rgb(23, 27,  
117) }
```

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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