

Converting Colors

HunterLab(16.0570, 20.0750,
-56.5485)

Have a look what the booklet for
HunterLab(16.0570, 20.0750,
-56.5485) contains.

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Color

**HunterLab(15.9832, 20.2510,
-56.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	181F79
RGB	24, 31, 121
RGB Percent	9%, 12%, 47%
CMY	0.9059, 0.8784, 0.5255
CMYK	0.80, 0.74, 0.00, 0.53
HSL	236°, 67%, 28%
HSV	236°, 80%, 47%
XYZ	4.3178, 2.5546, 18.3546
YIQ	39.1670, -33.0620, 26.5060

Conversions

Conversions Part 2

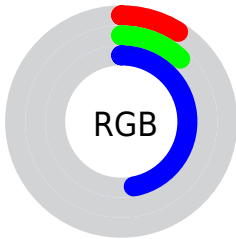
Format	Color
R_{YB}	24, 31, 121
Decimal	1580921
CIE _{Lab}	18.16, 31.15, -51.58
CIE _{LCh}	18, 60.256, 301.130
Yxy	2.5547, 0.1712, 0.1013
Android (android.graphics.Color)	4279771001 (0xFF181F79)
YUV	39.1670, 40.3437, -13.3015
Hunter-Lab	15.9832, 20.2510, -56.8986

Details

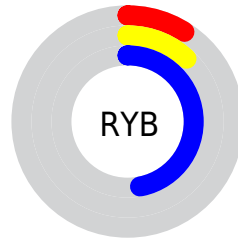
The HunterLab color **15.9832, 20.2510, -56.8986** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **40.2088, -7.9112, 23.3631**, and the grayscale version is **14.1798, -0.7566, 0.7704**.

A 20% lighter version of the original color is **31.9426, 22.6819, -54.2481**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **13.9651, 24.7412, -67.7607**, and if you desaturate by 10%, it is **18.5190, 15.9641, -46.2231**.

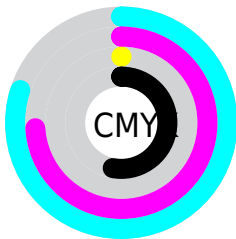
Distribution



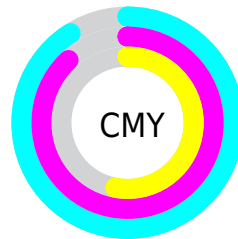
- Red (9%)
- Green (12%)
- Blue (47%)



- Red (9%)
- Yellow (12%)
- Blue (47%)



- Cyan (80%)
- Magenta (74%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9832, 20.2510, -56.8986 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 15.9832, 20.2510, -56.8986 by changing the saturation by 10% instead.

■ 15.9832, 20.2510,
-56.8986

■ 15.9832, 20.2510,
-56.8986

■ 110.7406, 28.8388,
-59.0961

■ 9.5075, 18.7251,
-62.1469

■ 31.9066, 22.9838,
-54.7133

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.1387, 24.1426,
-54.9181

0.0000, NaN, -NF

■ 51.1215, 25.1756,
-55.4291

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8021, 26.0952,
-56.0935

0.0000, NaN, NaN

■ 73.1376, 26.9125,
-56.8298

0.0000, NaN, NaN

■ 85.0922, 27.6369,

0.0000, NaN, NaN

-57.5920

97.6354, 28.2767,
-58.3529

15.9832, 20.2510,
-56.8986

15.9832, 20.2510,
-56.8986

13.9651, 24.7412,
-67.7607

18.5190, 15.9641,
-46.2231

12.5292, 28.5906,
-77.3793

21.4517, 12.1680,
-36.5650

24.6879, 8.8929,
-28.0743

28.1610, 6.0692,
-20.6260

31.8238, 3.6086,
-14.0286

■ 35.6431, 1.4323,
-8.1020

■ 39.5948, -0.5229,
-2.6981

■ 43.6610, -2.3059,
2.2989

■ 47.8281, -3.9539,
6.9781

Harmonies

Analogous

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



15.9833, -0.1921, -74.2077



15.9832, 20.2510, -56.8986



15.9833, 39.9896, -23.2135

Triad

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



15.9833, 20.2522, -56.8982



15.9833, 18.6028, 11.1883



15.9833, -23.0500, 0.2330

Complementary

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



15.9832, 20.2510, -56.8986



40.2088, -7.9112, 23.3631

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.



15.9833, -21.0116, 10.6115



15.9832, 20.2510, -56.8986



15.9833, -1.5047, 11.1883

Square

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



15.9833, 20.2522, -56.8982



15.9833, 38.7858, 11.1451



15.9833, -14.6789, 11.1883



15.9833, -20.6877, -25.6838

Rectangle

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



15.9832, 20.2510, -56.8986



15.9833, 47.1243, -4.8234



15.9833, -14.6789, 11.1883



15.9833, -22.8568, 5.0230

Sweetspot

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



15.9833, 20.2522, -56.8982



45.4040, 3.1687, -14.2665



38.8065, -21.0389, -0.2878



21.0081, 1.9207, -7.9248



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



15.9833, 20.2522, -56.8982



17.0939, 37.5836, -101.1630



17.7150, 28.6482, -49.1251



19.8386, -0.3584, -1.0607



12.9418, 29.7113, -80.3143



27.3786, 68.5396, -182.1783

Inverse Universe

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



21.9487, 30.3857, 10.5551



27.3090, 45.6268, 16.4514



39.3343, -21.8195, 22.5524



20.0482, 0.6095, 1.4803



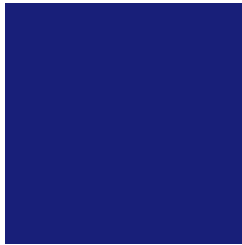
20.9188, 35.9184, 12.7858



45.6332, 78.2454, 28.7342

Previews

White Background



This preview shows how the HunterLab color 15.9832, 20.2510, -56.8986 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 15.9832, 20.2510, -56.8986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

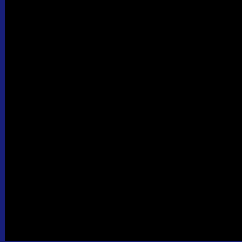
Any Text WCAG AA × Fail

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 15.9832, 20.2510, -56.8986 Background



This preview shows how black text looks on a background with the HunterLab color 15.9832, 20.2510, -56.8986.



This preview shows how white text looks on a background with the HunterLab color 15.9832, 20.2510, -56.8986.

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

15.9832, 20.2510, -56.8986

Protanopia

15.8128, 3.8856, -28.1525

Deuteranopia

15.8242, -1.1597, -17.2754



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.9832, 20.2510, -56.8986

Protanomaly

15.7746, 9.5817, -38.3418

Deuteranomaly

15.6592, 5.9497, -30.3421

Tritanomaly

15.2836, 0.7194, -18.5308

Monochromacy



Original Color

15.9832, 20.2510, -56.8986

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2531, 4.6722, -14.5561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9832, 20.2510, -56.8986 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(24, 31, 121)` looks like.

```
.text, #text, p{  
    color:rgb(24, 31, 121)  
}
```

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(24, 31, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 31, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9832, 20.2510, -56.8986 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(24, 31, 121) }
```


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

```
.border{ border-color:rgb(24, 31, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 31, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 31, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 31, 121);  
box-shadow:4px 4px 4px 4px rgb(24, 31,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9832, 20.2510, -56.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 31, 121) }
```

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

```
.background{ background-color: rgb(24, 31,  
121) }
```

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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