

Converting Colors

HunterLab(18.9127, 15.3173,
-50.1160)

Have a look what the booklet for
HunterLab(18.9127, 15.3173,
-50.1160) contains.

HunterLab(18.9809, 15.0296, -49.6980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.9809, 15.0296,
-49.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2D7E
RGB	26, 45, 126
RGB Percent	10%, 18%, 49%
CMY	0.8980, 0.8235, 0.5059
CMYK	0.79, 0.64, 0.00, 0.51
HSL	229°, 66%, 30%
HSV	229°, 79%, 49%
XYZ	5.1303, 3.6027, 20.1637
YIQ	48.5530, -37.3250, 21.1630

Conversions

Conversions Part 2

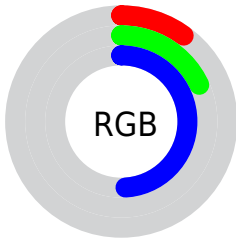
Format	Color
R_{YB}	26, 42, 126
Decimal	1715582
CIE _{Lab}	22.31, 23.82, -47.94
CIE _{LCh}	22, 53.536, 296.423
Yxy	3.6028, 0.1775, 0.1247
Android (android.graphics.Color)	4279905662 (0xFF1A2D7E)
YUV	48.5530, 38.1814, -19.7790
Hunter-Lab	18.9809, 15.0296, -49.6980

Details

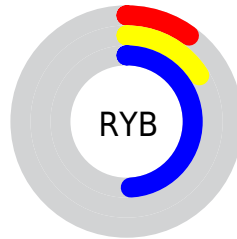
The HunterLab color **18.9809, 15.0296, -49.6980** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.7651, -3.1467, 22.3364**, and the grayscale version is **17.2627, -0.9211, 0.9379**.

A 20% lighter version of the original color is **35.5441, 17.2691, -49.8227**, and **7.2236, 19.5940, -51.3267** is the 20% darker color. If you saturate the color by 10%, you get **16.6882, 19.2804, -59.5072**, and if you desaturate by 10%, it is **21.6382, 11.3307, -40.5537**.

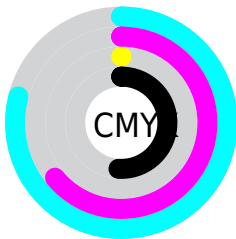
Distribution



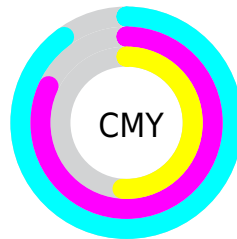
- Red (10%)
- Green (18%)
- Blue (49%)



- Red (10%)
- Yellow (16%)
- Blue (49%)



- Cyan (79%)
- Magenta (64%)
- Yellow (0%)
- Black (51%)



- Cyan (90%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9809, 15.0296, -49.6980 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 18.9809, 15.0296, -49.6980 by changing the saturation by 10% instead.

■ 18.9809, 15.0296,
-49.6980

■ 18.9809, 15.0296,
-49.6980

■ 116.3365, 20.4065,
-53.8409

■ 12.0581, 13.8280,
-52.1811

■ 35.6414, 16.9718,
-49.1677

■ 5.0596, 20.2473,
-76.6449

■ 45.1921, 17.7428,
-49.6370

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.4701, 18.4026,
-50.2741

0.0000, NaN, -NF

■ 66.4271, 18.9639,
-50.9856

0.0000, NaN, NaN

■ 78.0235, 19.4371,
-51.7213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2257, 19.8308,

-52.4525

0.0000, NaN, NaN

103.0050, 20.1520,
-53.1623

18.9809, 15.0296,
-49.6980

18.9809, 15.0296,
-49.6980

16.6882, 19.2804,
-59.5072

21.6382, 11.3307,
-40.5537

14.7962, 23.7482,
-69.5625

24.5842, 8.2080,
-32.3120

14.6862, 24.0243,
-70.2180

27.7608, 5.5980,
-24.9529

31.1249, 3.4137,
-18.3617

34.6447, 1.5728,
-12.4050

■ 38.2963, 0.0068,
-6.9613

■ 42.0618, -1.3390,
-1.9288

■ 45.9274, -2.5074,
2.7746

■ 49.8823, -3.5318,
7.2139

Harmonies

Analogous

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



18.9811, -2.9284, -59.2397



18.9809, 15.0296, -49.6980



18.9811, 32.7621, -23.9332

Triad

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



18.9811, 15.0306, -49.6975



18.9811, 19.5987, 13.2868



18.9811, -23.2492, 2.7995

Complementary

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



18.9809, 15.0296, -49.6980



38.7651, -3.1467, 22.3364

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.



18.9811, -20.6942, 11.3516



18.9809, 15.0296, -49.6980



18.9811, 0.9799, 13.2868

Square

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



18.9811, 15.0306, -49.6975



18.9811, 35.9644, 10.0844



18.9811, -13.0370, 13.2868



18.9811, -21.7066, -17.5812

Rectangle

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



18.9809, 15.0296, -49.6980



18.9811, 40.0320, -7.3757



18.9811, -13.0370, 13.2868



18.9811, -22.8720, 6.7809

Sweetspot

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



18.9811, 15.0306, -49.6975



48.2685, 1.0491, -12.9166



40.2270, -23.8557, 4.2720



22.3451, 0.7991, -7.1870



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



18.9811, 15.0306, -49.6975



20.1629, 30.3286, -89.2120



17.5681, 27.8476, -55.3027



20.8177, -0.6766, -0.8925



14.8581, 24.3905, -71.2235

0.0000, NaN, NaN

Inverse Universe

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



23.1608, 32.2799, 8.4814



28.4995, 47.6910, 14.6500



41.8131, -19.9318, 24.0297



20.8724, 0.7476, 1.2805

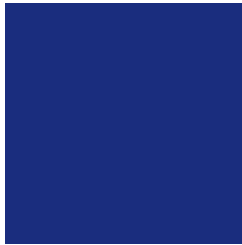


21.4881, 37.1101, 11.4734

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 18.9809, 15.0296, -49.6980 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 18.9809, 15.0296, -49.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

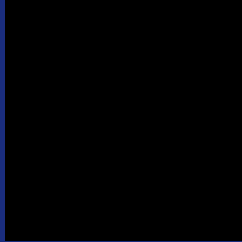
Any Text WCAG AA × Fail

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 18.9809, 15.0296, -49.6980 Background



This preview shows how black text looks on a background with the HunterLab color 18.9809, 15.0296, -49.6980.



This preview shows how white text looks on a background with the HunterLab color 18.9809, 15.0296, -49.6980.

-49.6980.

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

18.9809, 15.0296, -49.6980

Protanopia

18.8683, 4.7113, -33.7540

Deuteranopia

18.8163, -0.8020, -21.7875



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.9809, 15.0296, -49.6980

Protanomaly

18.6883, 8.4192, -39.7952

Deuteranomaly

18.6181, 4.7902, -31.8670

Tritanomaly

18.6074, -2.2629, -16.6270

Monochromacy



Original Color

18.9809, 15.0296, -49.6980

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6668, 2.5362, -12.6326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9809, 15.0296, -49.6980 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(26, 45, 126)` looks like.

```
.text, #text, p{  
    color:rgb(26, 45, 126)  
}
```

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(26, 45, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 45, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9809, 15.0296, -49.6980 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(26, 45, 126) }
```


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

```
.border{ border-color:rgb(26, 45, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 45, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 45, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 45, 126);  
box-shadow:4px 4px 4px 4px rgb(26, 45,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.9809, 15.0296, -49.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 45, 126) }
```

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

```
.background{ background-color: rgb(26, 45,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor