

Converting Colors

HunterLab(16.8458, 16.4273,
-49.6559)

Have a look what the booklet for
HunterLab(16.8458, 16.4273,
-49.6559) contains.

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Color

**HunterLab(16.8458, 16.4273,
-49.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	192576
RGB	25, 37, 118
RGB Percent	10%, 15%, 46%
CMY	0.9019, 0.8549, 0.5373
CMYK	0.79, 0.69, 0.00, 0.54
HSL	232°, 65%, 28%
HSV	232°, 79%, 46%
XYZ	4.3325, 2.8378, 17.4589
YIQ	42.6460, -33.1530, 22.6470

Conversions

Conversions Part 2

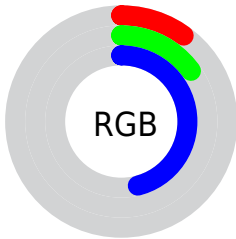
Format	Color
R_{YB}	25, 36, 118
Decimal	1647990
CIE Lab	19.38, 26.10, -47.65
CIE LCh	19, 54.331, 298.711
Yxy	2.8379, 0.1759, 0.1152
Android (android.graphics.Color)	4279838070 (0xFF192576)
YUV	42.6460, 37.1495, -15.4755
Hunter-Lab	16.8458, 16.4273, -49.6559

Details

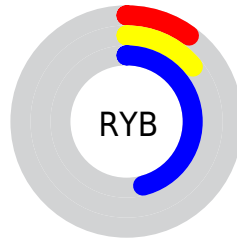
The HunterLab color **16.8458, 16.4273, -49.6559** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **37.7246, -5.4451, 21.7043**, and the grayscale version is **15.3179, -0.8173, 0.8322**.

A 20% lighter version of the original color is **33.0245, 18.4961, -48.4975**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **14.7183, 20.6271, -59.6131**, and if you desaturate by 10%, it is **19.3728, 12.6622, -40.2962**.

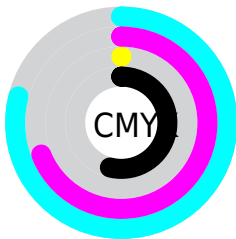
Distribution



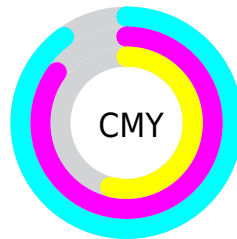
- Red (10%)
- Green (15%)
- Blue (46%)



- Red (10%)
- Yellow (14%)
- Blue (46%)



- Cyan (79%)
- Magenta (69%)
- Yellow (0%)
- Black (54%)



- Cyan (90%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8458, 16.4273, -49.6559 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 16.8458, 16.4273, -49.6559 by changing the saturation by 10% instead.

■ 16.8458, 16.4273,
-49.6559

■ 16.8458, 16.4273,
-49.6559

■ 112.3747, 22.9758,
-53.2068

■ 10.2356, 15.0822,
-53.0591

■ 32.9892, 18.6765,
-48.6444

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.3161, 19.5910,
-49.0453

0.0000, NaN, -NF

■ 52.3865, 20.3864,
-49.6496

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1490, 21.0763,
-50.3467

0.0000, NaN, NaN

■ 74.5618, 21.6716,
-51.0776

0.0000, NaN, NaN

■ 86.5896, 22.1818,

0.0000, NaN, NaN

-51.8094

99.2026, 22.6144,
-52.5229

16.8458, 16.4273,
-49.6559

16.8458, 16.4273,
-49.6559

14.7183, 20.6271,
-59.6131

19.3728, 12.6622,
-40.2962

13.0420, 24.7999,
-69.4478

22.2099, 9.4232,
-31.9042

12.8679, 25.2544,
-70.6009

25.2895, 6.6707,
-24.4828

28.5630, 4.3236,
-17.9016

31.9952, 2.3013,
-12.0057

■ 35.5604, 0.5354,
-6.6554

■ 39.2398, -1.0281,
-1.7360

■ 43.0189, -2.4311,
2.8431

■ 46.8865, -3.7058,
7.1526

Harmonies

Analogous

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



16.8460, -1.5812, -61.6731



16.8458, 16.4273, -49.6559



16.8460, 33.9553, -22.2295

Triad

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



16.8460, 16.4283, -49.6554



16.8460, 18.0797, 11.7922



16.8460, -21.9200, 1.5575

Complementary

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



16.8458, 16.4273, -49.6559



37.7246, -5.4451, 21.7043

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.



16.8460, -19.8622, 10.5123



16.8458, 16.4273, -49.6559



16.8460, -0.2073, 11.7922

Square

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



16.8460, 16.4283, -49.6554



16.8460, 35.1314, 9.9915



16.8460, -13.2054, 11.7922



16.8460, -20.1907, -19.8654

Rectangle

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



16.8458, 16.4273, -49.6559



16.8460, 40.7370, -5.8202



16.8460, -13.2054, 11.7922



16.8460, -21.6517, 5.6709

Sweetspot

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



16.8460, 16.4283, -49.6554



44.3967, 2.0288, -12.8542



37.6776, -21.1168, 1.5605



20.6531, 1.2985, -7.1424



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.



16.8460, 16.4283, -49.6554



17.6229, 32.1993, -89.9693



17.1364, 26.5478, -48.2769



19.1287, -0.4862, -0.8994



13.3391, 26.4340, -73.7362



28.1801, 63.1959, -171.6444

Inverse Universe

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



21.6349, 29.4052, 9.0497



26.4853, 44.0338, 14.8512



38.6102, -19.9429, 22.0294



19.2558, 0.6143, 1.3031



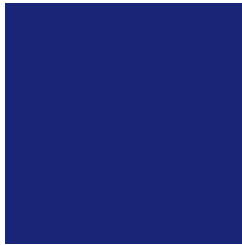
20.5027, 35.2908, 11.8581



45.1786, 77.6033, 27.3827

Previews

White Background



This preview shows how the HunterLab color 16.8458, 16.4273, -49.6559 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 16.8458, 16.4273, -49.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

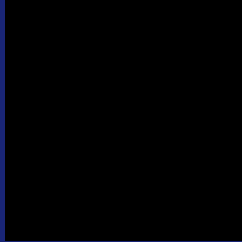
Any Text WCAG AA × Fail

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 16.8458, 16.4273, -49.6559 Background



This preview shows how black text looks on a background with the HunterLab color 16.8458, 16.4273, -49.6559.



This preview shows how white text looks on a background with the HunterLab color 16.8458, 16.4273, -49.6559.

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

16.8458, 16.4273, -49.6559

Protanopia

16.7841, 3.9652, -29.5384

Deuteranopia

16.7506, -1.3800, -17.9577



Tritanopia

16.8277, -8.3724, -2.9596

Trichromacy



Original Color

16.8458, 16.4273, -49.6559

Protanomaly

16.7504, 8.2652, -36.8394

Deuteranomaly

16.6165, 4.4008, -28.3144

Tritanomaly

16.2961, -0.6911, -16.8835

Monochromacy



Original Color

16.8458, 16.4273, -49.6559

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5021, 3.1085, -12.5547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8458, 16.4273, -49.6559 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(25, 37, 118)` looks like.

```
.text, #text, p{  
    color:rgb(25, 37, 118)  
}
```

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(25, 37, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 37, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8458, 16.4273, -49.6559 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(25, 37, 118) }
```


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

```
.border{ border-color:rgb(25, 37, 118) }
```

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

Here you see how a box with a 4 pixel rgb(25, 37, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 37, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 37, 118);  
box-shadow:4px 4px 4px 4px rgb(25, 37,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8458, 16.4273, -49.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 37, 118) }
```

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

```
.background{ background-color: rgb(25, 37,  
118) }
```

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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