

Converting Colors

HunterLab(19.9754, 13.6828,
-49.0527)

Have a look what the booklet for
HunterLab(19.9754, 13.6828,
-49.0527) contains.

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Color

**HunterLab(19.9394, 13.7828,
-49.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	183181
RGB	24, 49, 129
RGB Percent	9%, 19%, 51%
CMY	0.9058, 0.8078, 0.4941
CMYK	0.81, 0.62, 0.00, 0.49
HSL	226°, 69%, 30%
HSV	226°, 81%, 51%
XYZ	5.4375, 3.9758, 21.2497
YIQ	50.6450, -40.5800, 19.5800

Conversions

Conversions Part 2

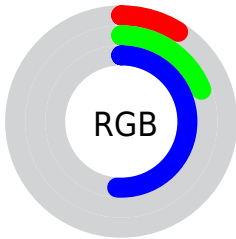
Format	Color
R_YB	24, 44, 129
Decimal	1585537
CIE Lab	23.59, 22.01, -47.75
CIE LCh	24, 52.576, 294.746
Yxy	3.9759, 0.1773, 0.1297
Android (android.graphics.Color)	4279775617 (0xFF183181)
YUV	50.6450, 38.6290, -23.3677
Hunter-Lab	19.9394, 13.7828, -49.2286

Details

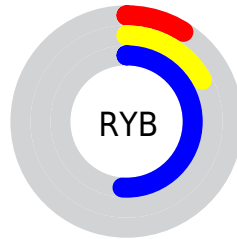
The HunterLab color **19.9394, 13.7828, -49.2286** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.2566, -0.8359, 22.2189**, and the grayscale version is **17.9608, -0.9583, 0.9758**.

A 20% lighter version of the original color is **36.9182, 15.5089, -48.9272**, and **8.2040, 17.5301, -48.0967** is the 20% darker color. If you saturate the color by 10%, you get **17.6610, 17.9407, -58.5269**, and if you desaturate by 10%, it is **22.5544, 10.2099, -40.5199**.

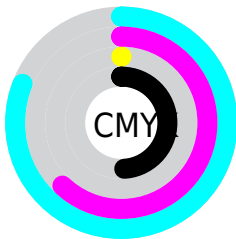
Distribution



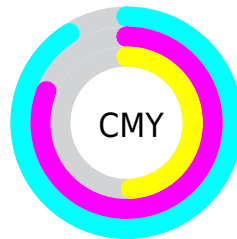
- Red (9%)
- Green (19%)
- Blue (51%)



- Red (9%)
- Yellow (17%)
- Blue (51%)



- Cyan (81%)
- Magenta (62%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9394, 13.7828, -49.2286 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 19.9394, 13.7828, -49.2286 by changing the saturation by 10% instead.

■ 19.9394, 13.7828,
-49.2286

■ 19.9394, 13.7828,
-49.2286

■ 118.0805, 18.3178,
-53.6316

■ 12.8844, 12.6918,
-51.3260

■ 36.8206, 15.5058,
-48.9233

■ 6.3056, 14.9327,
-64.9334

■ 46.4674, 16.1748,
-49.4263

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.8347, 16.7376,
-50.0785

0.0000, NaN, -NF

■ 67.8756, 17.2067,
-50.7952

0.0000, NaN, NaN

■ 79.5512, 17.5919,
-51.5302

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8288, 17.9012,

-52.2572

0.0000, NaN, NaN

104.6800, 18.1413,
-52.9607

■ 19.9394, 13.7828,
-49.2286

■ 19.9394, 13.7828,
-49.2286

■ 17.6610, 17.9407,
-58.5269

■ 22.5544, 10.2099,
-40.5199

■ 15.9676, 21.7444,
-66.8981

■ 25.4413, 7.2262,
-32.5979

■ 28.5492, 4.7659,
-25.4569

■ 31.8390, 2.7436,
-19.0085

■ 35.2811, 1.0792,
-13.1435

■ 38.8530, -0.2951,
-7.7578

■ 42.5375, -1.4343,
-2.7622

■ 46.3211, -2.3816,
1.9174

■ 50.1933, -3.1712,
6.3404

Harmonies

Analogous

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



19.9396, -3.8483, -57.0586



19.9394, 13.7828, -49.2286



19.9396, 31.4303, -24.8466

Triad

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



19.9396, 13.7838, -49.2280



19.9396, 20.3824, 13.9577



19.9396, -23.6255, 3.6216

Complementary

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



19.9394, 13.7828, -49.2286



38.2566, -0.8359, 22.2189

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.



19.9396, -20.7129, 11.8108



19.9394, 13.7828, -49.2286



19.9396, 1.8799, 13.9577

Square

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



19.9396, 13.7838, -49.2280



19.9396, 36.0175, 9.9531



19.9396, -12.5379, 13.9577



19.9396, -22.2570, -15.8107

Rectangle

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



19.9394, 13.7828, -49.2286



19.9396, 38.9554, -8.4333



19.9396, -12.5379, 13.9577



19.9396, -23.1528, 7.4323

Sweetspot

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



19.9396, 13.7838, -49.2280



50.4585, 0.1515, -12.6071



41.0721, -25.5349, 6.4317



23.3236, 0.3323, -7.0223



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.



19.9396, 13.7838, -49.2280



21.3557, 29.3970, -89.5837



17.0976, 28.7250, -60.9832



20.8929, -0.8029, -0.7991



15.7850, 21.4152, -65.9591

0.0000, NaN, NaN

Inverse Universe

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



23.5426, 34.1239, 7.7865



29.3301, 50.1737, 14.4040



43.1689, -19.3916, 25.0735



20.8800, 0.7885, 1.1723



21.5547, 37.3562, 10.4927

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 19.9394, 13.7828, -49.2286 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 19.9394, 13.7828, -49.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

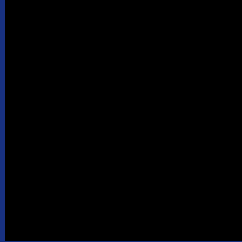
Any Text WCAG AA × Fail

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 19.9394, 13.7828, -49.2286 Background



This preview shows how black text looks on a background with the HunterLab color 19.9394, 13.7828, -49.2286.



This preview shows how white text looks on a background with the HunterLab color 19.9394, 13.7828, -49.2286.

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

19.9394, 13.7828, -49.2286

Protanopia

19.6879, 5.5627, -36.6164

Tritanopia

19.8705, -9.9719, -3.3099

Trichromacy



Original Color

19.9394, 13.7828, -49.2286

Protanomaly

19.6726, 8.4980, -41.2827

Tritanomaly

19.5076, -2.7630, -16.7532

Monochromacy



Original Color

19.9394, 13.7828, -49.2286

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.2130, 2.0997, -12.8209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9394, 13.7828, -49.2286 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, 49, 129)` looks like.

```
.text, #text, p{  
    color:rgb(24, 49, 129)  
}
```

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, 49, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 49, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9394, 13.7828, -49.2286 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, 49, 129) }
```

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

```
.border{ border-color:rgb(24, 49, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 49, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 49, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 49, 129);  
box-shadow:4px 4px 4px 4px rgb(24, 49,  
129) }
```


Background

The CSS property to change the background color of an element to HunterLab 19.9394, 13.7828, -49.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 49, 129) }
```

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

```
.background{ background-color: rgb(24, 49,  
129) }
```

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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