

Converting Colors

HunterLab(12.9147, 6.1432,
-19.3061)

Have a look what the booklet for
HunterLab(12.9147, 6.1432,
-19.3061) contains.

HunterLab(12.9148, 6.1381, -19.3017)	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(12.9148, 6.1381,
-19.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1F47
RGB	27, 31, 71
RGB Percent	11%, 12%, 28%
CMY	0.8941, 0.8784, 0.7216
CMYK	0.62, 0.56, 0.00, 0.72
HSL	235°, 45%, 19%
HSV	235°, 62%, 28%
XYZ	2.0793, 1.6679, 6.1736
YIQ	34.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

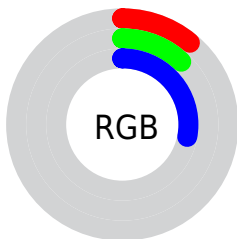
Format	Color
R_{YB}	27, 31, 71
Decimal	1777479
CIE Lab	13.64, 12.09, -25.73
CIE LCh	14, 28.432, 295.164
Yxy	1.6680, 0.2096, 0.1681
Android (android.graphics.Color)	4279967559 (0xFF1B1F47)
YUV	34.3640, 18.0615, -6.4582
Hunter-Lab	12.9148, 6.1381, -19.3017

Details

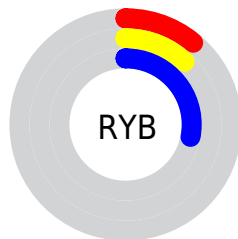
The HunterLab color **12.9148, 6.1381, -19.3017** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23.3095, -4.0057, 11.6552**, and the grayscale version is **12.7112, -0.6782, 0.6906**.

A 20% lighter version of the original color is **28.0786, 6.8556, -20.0993**, and **3.1755, 6.1731, -17.2952** is the 20% darker color. If you saturate the color by 10%, you get **11.3076, 8.0237, -24.1490**, and if you desaturate by 10%, it is **14.6574, 4.5053, -15.0029**.

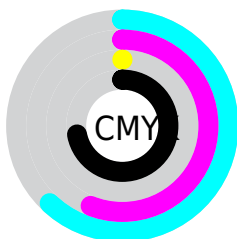
Distribution



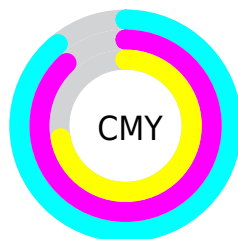
- Red (11%)
- Green (12%)
- Blue (28%)



- Red (11%)
- Yellow (12%)
- Blue (28%)



- Cyan (62%)
- Magenta (56%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9148, 6.1381, -19.3017 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 12.9148, 6.1381, -19.3017 by changing the saturation by 10% instead.

■ 12.9148, 6.1381,
-19.3017

■ 12.9148, 6.1381,
-19.3017

104.7415, 7.1994,
-22.8945

■ 6.3466, 7.9618,
-22.4667

■ 27.9923, 7.0190,
-20.1704

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.8639, 7.2770,
-20.7061

0.0000, NaN, NaN

■ 46.5142, 7.4404,
-21.2099

0.0000, NaN, NaN

■ 56.8848, 7.5223,
-21.6628

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9288, 7.5324,
-22.0581

0.0000, NaN, NaN

■ 79.6073, 7.4782,

0.0000, NaN, NaN

-22.3945

■ 91.8876, 7.3656,
-22.6726

■ 12.9148, 6.1381,
-19.3017

■ 12.9148, 6.1381,
-19.3017

■ 11.3076, 8.0237,
-24.1490

■ 14.6574, 4.5053,
-15.0029

■ 9.8720, 10.1752,
-29.5414

■ 16.5082, 3.0866,
-11.1839

■ 8.6367, 12.4938,
-35.3827

■ 18.4478, 1.8418,
-7.7594

■ 7.7136, 14.4410,
-40.8153

■ 20.4623, 0.7355,
-4.6513

■ 22.5409, -0.2607,
-1.7951

■ 24.6756, -1.1693,
0.8609

■ 26.8602, -2.0077,
3.3573

■ 29.0897, -2.7896,
5.7260

■ 31.3601, -3.5255,
7.9917

Harmonies

Analogous

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



12.9150, -1.9001, -22.2737



12.9148, 6.1381, -19.3017



12.9150, 13.6454, -10.0411

Triad

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



12.9150, 6.1383, -19.3013



12.9150, 8.7746, 8.9836



12.9150, -12.3259, 1.8220

Complementary

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



12.9148, 6.1381, -19.3017



23.3095, -4.0057, 11.6552

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.



12.9150, -10.6379, 6.7061



12.9148, 6.1381, -19.3017



12.9150, 0.5668, 9.0405

Square

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



12.9150, 6.1383, -19.3013



12.9150, 15.3980, 5.3737



12.9150, -6.3405, 9.0405



12.9150, -11.4496, -6.7252

Rectangle

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



12.9148, 6.1381, -19.3017



12.9150, 16.7131, -3.3922



12.9150, -6.3405, 9.0405



12.9150, -12.0402, 3.7829

Sweetspot

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



12.9150, 6.1383, -19.3013



27.2035, 0.6562, -5.1939



22.6716, -10.4931, 0.0632



13.5645, 0.4237, -2.8870



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.9150, 6.1383, -19.3013



13.7565, 11.7638, -34.7595



13.3709, 11.2315, -17.9982



12.2163, -0.3025, -0.4621



10.5150, 21.8616, -60.3359



24.6290, 59.2314, -158.6477

Inverse Universe

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



14.9081, 12.6790, 4.2526



17.3402, 20.6355, 6.8370



23.1375, -10.0909, 11.4231



12.3146, 0.2509, 0.8565



16.4252, 28.2492, 9.6790



40.4667, 69.4308, 25.1381

Previews

White Background



This preview shows how the HunterLab color 12.9148, 6.1381, -19.3017 looks on a white background.

Color Contrast Check

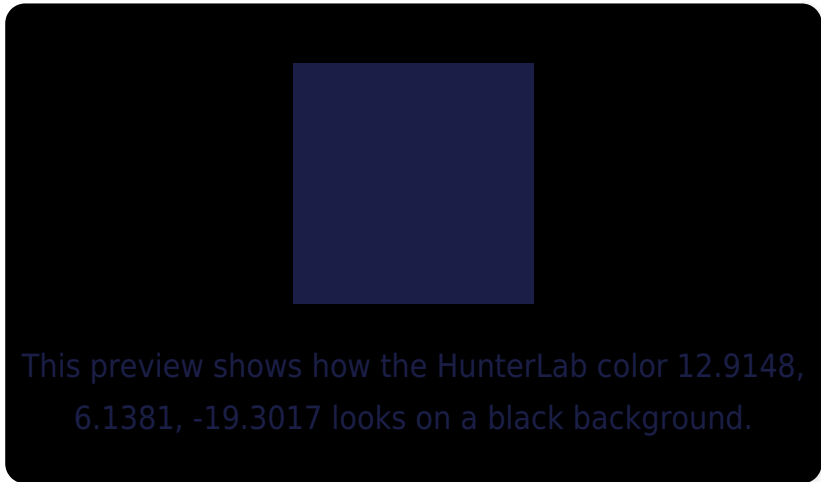
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

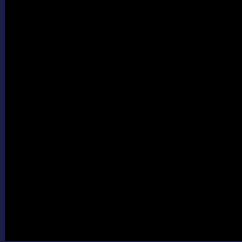
Any Text WCAG AA × Fail

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 12.9148, 6.1381, -19.3017 Background



This preview shows how black text looks on a background with the HunterLab color 12.9148, 6.1381, -19.3017.



This preview shows how white text looks on a background with the HunterLab color 12.9148, 6.1381, -19.3017.

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

12.9148, 6.1381, -19.3017

Protanopia

12.6962, 2.2692, -20.7676

Deuteranopia

12.6868, -1.0920, -13.5000



Tritanopia

13.0245, -5.0441, -2.0342

Trichromacy



Original Color

12.9148, 6.1381, -19.3017

Protanomaly

12.7284, 3.5112, -20.6536

Deuteranomaly

12.6105, 1.3062, -15.7197

Tritanomaly

12.7983, -1.4115, -7.7420

Monochromacy



Original Color

12.9148, 6.1381, -19.3017

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5867, 0.9761, -4.8951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9148, 6.1381, -19.3017 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(27, 31, 71)` looks like.

```
.text, #text, p{  
    color:rgb(27, 31, 71)  
}
```

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(27, 31, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 31, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9148, 6.1381, -19.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

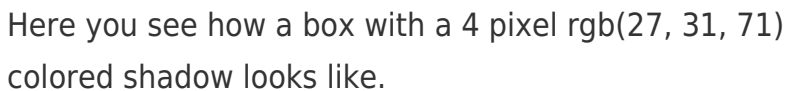
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(27, 31, 71) }
```


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

```
.border{ border-color:rgb(27, 31, 71) }
```

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



Here you see how a box with a 4 pixel `rgb(27, 31, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 31, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 31, 71);  
box-shadow:4px 4px 4px 4px rgb(27, 31, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9148, 6.1381, -19.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 31, 71) }
```

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

```
.background{ background-color: rgb(27, 31,  
71) }
```

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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