

Converting Colors

HunterLab(19.0637, 29.6031,
-61.3414)

Have a look what the booklet for
HunterLab(19.0637, 29.6031,
-61.3414) contains.

HunterLab(19.0637, 29.6031, -61.3414)	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(19.0637, 29.6031,
-61.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1E89
RGB	58, 30, 137
RGB Percent	23%, 12%, 54%
CMY	0.7725, 0.8824, 0.4627
CMYK	0.58, 0.78, 0.00, 0.46
HSL	256°, 64%, 33%
HSV	256°, 78%, 54%
XYZ	6.7246, 3.6342, 24.0140
YIQ	50.5700, -17.6590, 39.2130

Conversions

Conversions Part 2

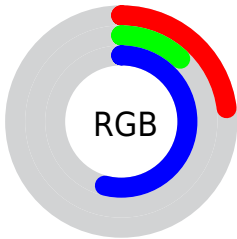
Format	Color
R_{YB}	58, 30, 137
Decimal	3808905
CIE _{Lab}	22.42, 41.18, -54.59
CIE _{LCh}	22, 68.380, 307.030
Yxy	3.6343, 0.1956, 0.1057
Android (android.graphics.Color)	4281998985 (0xFF3A1E89)
YUV	50.5700, 42.6100, 6.5161
Hunter-Lab	19.0637, 29.6031, -61.3414

Details

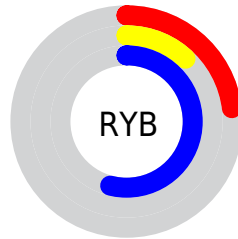
The HunterLab color **19.0637, 29.6031, -61.3414** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **46.0826, -20.6593, 26.4540**, and the grayscale version is **17.9167, -0.9560, 0.9734**.

A 20% lighter version of the original color is **35.7600, 32.5990, -59.1172**, and **8.1969, 22.2340, -58.2422** is the 20% darker color. If you saturate the color by 10%, you get **16.7671, 33.6688, -72.7675**, and if you desaturate by 10%, it is **21.9509, 24.9902, -49.9620**.

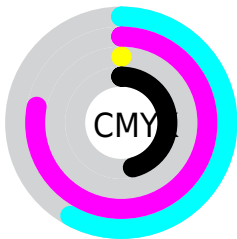
Distribution



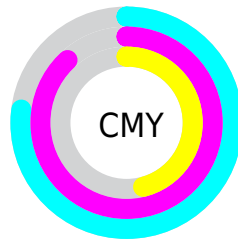
- Red (23%)
- Green (12%)
- Blue (54%)



- Red (23%)
- Yellow (12%)
- Blue (54%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)
- Black (46%)



- Cyan (77%)
- Magenta (88%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0637, 29.6031, -61.3414 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 19.0637, 29.6031, -61.3414 by changing the saturation by 10% instead.

■ 19.0637, 29.6031,
-61.3414

■ 19.0637, 29.6031,
-61.3414

■ 116.4879, 41.2484,
-64.1187

■ 12.1293, 27.8590,
-65.4764

■ 35.7435, 32.9708,
-59.5722

■ 5.1800, 36.8872,
-96.6901

■ 45.3026, 34.4803,
-59.8165

0.0000, INF, -NF

■ 55.5884, 35.8683,
-60.3474

0.0000, NaN, -NF

■ 66.5528, 37.1416,
-61.0275

0.0000, NaN, -NF

■ 78.1561, 38.3086,
-61.7810

0.0000, NaN, NaN

■ 90.3648, 39.3773,

0.0000, NaN, NaN

0.0000, NaN, NaN

-62.5634

0.0000, NaN, NaN

103.1504, 40.3550,
-63.3482

19.0637, 29.6031,
-61.3414

19.0637, 29.6031,
-61.3414

16.7671, 33.6688,
-72.7675

21.9509, 24.9902,
-49.9620

15.0678, 36.8282,
-83.1975

25.3014, 20.3412,
-39.5134

14.7602, 37.5136,
-85.3157

29.0120, 15.8766,
-30.2118

33.0061, 11.6525,
-21.9717

37.2286, 7.6556,
-14.6179

■ 41.6397, 3.8506,
-7.9735

■ 46.2105, 0.1997,
-1.8877

■ 50.9191, -3.3306,
3.7600

■ 55.7491, -6.7683,
9.0635

Harmonies

Analogous

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



19.0639, 4.1367, -88.7623



19.0637, 29.6031, -61.3414



19.0639, 51.6645, -20.6294

Triad

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



19.0639, 29.6041, -61.3407



19.0639, 17.2700, 13.3447



19.0639, -26.7816, -4.2404

Complementary

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



19.0637, 29.6031, -61.3414



46.0826, -20.6593, 26.4540

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.



19.0639, -25.6598, 10.7406



19.0637, 29.6031, -61.3414



19.0639, -5.6777, 13.3447

Square

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



19.0639, 29.6041, -61.3407



19.0639, 42.6631, 13.3447



19.0639, -19.6428, 13.3447



19.0639, -23.6168, -39.1354

Rectangle

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



19.0637, 29.6031, -61.3414



19.0639, 57.7523, -1.0444



19.0639, -19.6428, 13.3447



19.0639, -26.8781, 2.9086

Sweetspot

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



19.0639, 29.6041, -61.3407



52.5035, 7.8762, -15.3712



36.4528, -11.6238, -16.2356



23.9869, 4.5007, -8.6380



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



19.0639, 29.6041, -61.3407



20.6613, 48.1423, -108.0493



24.6287, 39.8216, -41.1018



22.2518, 0.2817, -1.2203



14.2639, 36.2220, -82.2124



1.4068, 3.2036, -5.2495

Inverse Universe

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



27.1126, 41.7016, -14.1992



33.9037, 61.4218, -17.8511



43.4139, -31.3507, 24.5252



22.5987, 1.3589, -0.0027



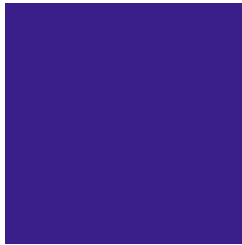
24.1535, 45.0063, -12.6302



2.0288, 3.8811, -1.8416

Previews

White Background



This preview shows how the HunterLab color 19.0637, 29.6031, -61.3414 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 19.0637, 29.6031, -61.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

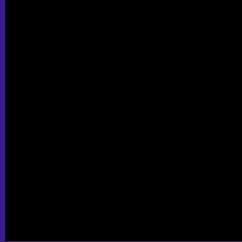
Any Text WCAG AA × Fail

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 19.0637, 29.6031, -61.3414 Background



This preview shows how black text looks on a background with the HunterLab color 19.0637, 29.6031, -61.3414.



This preview shows how white text looks on a background with the HunterLab color 19.0637, 29.6031, -61.3414.

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

19.0637, 29.6031, -61.3414

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

19.3519, -6.4869, -3.0498

Trichromacy



Original Color

19.0637, 29.6031, -61.3414

Protanomaly

18.2122, 13.2147, -46.3943

Deuteranomaly

18.2161, 8.6924, -36.6378

Tritanomaly

18.1675, 5.3658, -21.0122

Monochromacy



Original Color

19.0637, 29.6031, -61.3414

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.6670, 8.5696, -15.7533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0637, 29.6031, -61.3414 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(58, 30, 137)` looks like.

```
.text, #text, p{  
    color:rgb(58, 30, 137)  
}
```

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(58, 30, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 30, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0637, 29.6031, -61.3414 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(58, 30, 137) }
```


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

```
.border{ border-color:rgb(58, 30, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 30, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 30, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 30, 137);  
box-shadow:4px 4px 4px 4px rgb(58, 30,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0637, 29.6031, -61.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 30, 137) }
```

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

```
.background{ background-color: rgb(58, 30,  
137) }
```

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