

Converting Colors

HunterLab(19.0200, 37.6733,
-78.1599)

Have a look what the booklet for
HunterLab(19.0200, 37.6733,
-78.1599) contains.

HunterLab(19.0581, 37.4446, -77.3664)	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(19.0581, 37.4446,
-77.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1496
RGB	59, 20, 150
RGB Percent	23%, 8%, 59%
CMY	0.7686, 0.9216, 0.4118
CMYK	0.61, 0.87, 0.00, 0.41
HSL	258°, 76%, 33%
HSV	258°, 87%, 59%
XYZ	7.5588, 3.6321, 29.1568
YIQ	46.4810, -18.4860, 48.6980

Conversions

Conversions Part 2

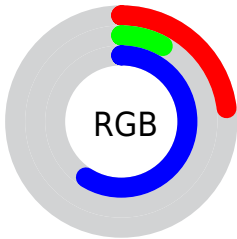
Format	Color
R_{YB}	59, 20, 150
Decimal	3871894
CIE _{Lab}	22.42, 49.43, -62.68
CIE _{LCh}	22, 79.825, 308.263
Yxy	3.6322, 0.1873, 0.0900
Android (android.graphics.Color)	4282061974 (0xFF3B1496)
YUV	46.4810, 51.0349, 10.9792
Hunter-Lab	19.0581, 37.4446, -77.3664




Details

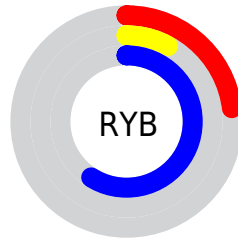
The HunterLab color **19.0581, 37.4446, -77.3664** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.2417, -25.4384, 29.7325**, and the grayscale version is **16.5290, -0.8819, 0.8981**.




A 20% lighter version of the original color is **35.7293, 41.1083, -73.1085**, and **9.3906, 25.4721, -66.7245** is the 20% darker color. If you saturate the color by 10%, you get **17.1791, 40.6144, -88.2871**, and if you desaturate by 10%, it is **21.6510, 32.9810, -65.0971**.

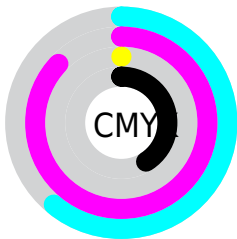
Distribution







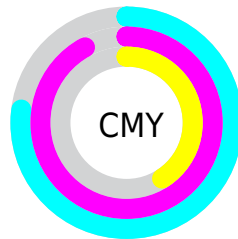
-  Red (23%)
-  Green (8%)
-  Blue (59%)






-  Red (23%)
-  Yellow (8%)
-  Blue (59%)



-  Cyan (61%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (77%)
-  Magenta (92%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0581, 37.4446, -77.3664 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 19.0581, 37.4446, -77.3664 by changing the saturation by 10% instead.

■ 19.0581, 37.4446,
-77.3664

■ 19.0581, 37.4446,
-77.3664

■ 116.4776, 51.5936,
-77.3010

■ 12.1244, 35.6625,
-84.1953

■ 35.7365, 41.2705,
-73.4867

■ 5.1719, 47.0415,
-127.7545

■ 45.2951, 43.0664,
-73.2980

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.5803, 44.7509,
-73.5837

0.0000, NaN, -NF

■ 66.5442, 46.3232,
-74.1369

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.1470, 47.7875,
-74.8418

0.0000, NaN, NaN

■ 90.3554, 49.1498,

-75.6298

0.0000, NaN, NaN

103.1405, 50.4165,
-76.4586

19.0581, 37.4446,
-77.3664

19.0581, 37.4446,
-77.3664

17.1791, 40.6144,
-88.2871

21.6510, 32.9810,
-65.0971

16.6134, 41.7050,
-92.0076

24.8769, 27.8889,
-52.9519

28.6029, 22.7148,
-41.7883

32.7197, 17.7011,
-31.8139

37.1458, 12.9181,
-22.9403

■ 41.8222, 8.3603,
-14.9887

■ 46.7060, 3.9959,
-7.7784

■ 51.7658, -0.2115,
-1.1540

■ 56.9779, -4.2955,
5.0092

Harmonies

Analogous

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



19.0583, 6.1791, -116.3604



19.0581, 37.4446, -77.3664



19.0583, 64.7733, -23.8836

Triad

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



19.0583, 37.4460, -77.3658



19.0583, 19.5759, 13.3408



19.0583, -29.3221, -6.5271

Complementary

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



19.0581, 37.4446, -77.3664



50.2417, -25.4384, 29.7325

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.



19.0583, -28.2139, 11.3646



19.0581, 37.4446, -77.3664



19.0583, -7.2837, 13.3408

Square

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



19.0583, 37.4460, -77.3658



19.0583, 51.3494, 13.3408



19.0583, -22.1916, 13.3408



19.0583, -25.5908, -52.1846

Rectangle

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



19.0581, 37.4446, -77.3664



19.0583, 71.8620, -0.3607



19.0583, -22.1916, 13.3408



19.0583, -29.5032, 2.3370

Sweetspot

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



19.0583, 37.4460, -77.3658



55.6578, 11.0139, -19.7554



37.0398, -9.5062, -23.5300



25.2791, 6.0539, -10.7847



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



19.0583, 37.4460, -77.3658



21.8863, 55.2360, -123.4928



26.4335, 48.7348, -47.5783



23.9004, 0.3965, -1.3153



15.1798, 38.0266, -83.4518



2.0519, 4.6033, -7.1186

Inverse Universe

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



28.5163, 48.3509, -12.8461



36.3463, 67.1074, -14.2128



47.3751, -37.0929, 27.7148



24.2484, 1.4530, 0.0887



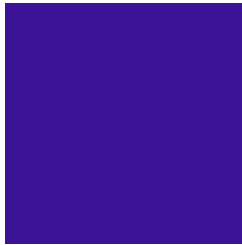
24.9586, 46.1544, -10.3214



2.8542, 5.4361, -2.4048

Previews

White Background



This preview shows how the HunterLab color 19.0581, 37.4446, -77.3664 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 19.0581, 37.4446, -77.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

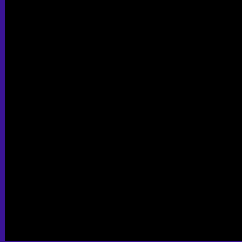
Any Text WCAG AA × Fail

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 19.0581, 37.4446, -77.3664 Background



This preview shows how black text looks on a background with the HunterLab color 19.0581, 37.4446, -77.3664.



This preview shows how white text looks on a background with the HunterLab color 19.0581, 37.4446, -77.3664.

-77.3664.

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

19.0581, 37.4446, -77.3664

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.1169, -0.9634, -21.8148



Tritanopia

19.2742, -8.1043, -3.6491

Trichromacy



Original Color

19.0581, 37.4446, -77.3664

Protanomaly

17.9610, 16.3101, -52.6939

Deuteranomaly

17.6776, 12.1567, -43.2943

Tritanomaly

17.3569, 6.8003, -26.9877

Monochromacy



Original Color

19.0581, 37.4446, -77.3664

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.3311, 11.0645, -20.1940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0581, 37.4446, -77.3664 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(59, 20, 150)` looks like.

```
.text, #text, p{  
    color:rgb(59, 20, 150)  
}
```

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(59, 20, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 20, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0581, 37.4446, -77.3664 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(59, 20, 150) }
```


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

```
.border{ border-color:rgb(59, 20, 150) }
```

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

Here you see how a box with a 4 pixel rgb(59, 20, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 20, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 20, 150);  
box-shadow:4px 4px 4px 4px rgb(59, 20,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0581, 37.4446, -77.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 20, 150) }
```

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

```
.background{ background-color: rgb(59, 20,  
150) }
```

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