

Converting Colors

HunterLab(31.9042, 19.2300,
-39.2143)

Have a look what the booklet for
HunterLab(31.9042, 19.2300,
-39.2143) contains.

HunterLab(31.8147, 19.2583, -39.5045)	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(31.8147, 19.2583,
-39.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4D9D
RGB	94, 77, 157
RGB Percent	37%, 30%, 62%
CMY	0.6314, 0.6980, 0.3843
CMYK	0.40, 0.51, 0.00, 0.38
HSL	253°, 34%, 46%
HSV	253°, 51%, 62%
XYZ	13.3558, 10.1218, 33.1480
YIQ	91.2030, -15.5480, 28.4840

Conversions

Conversions Part 2

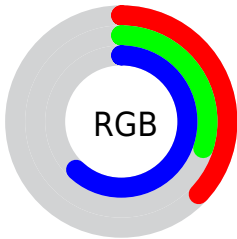
Format	Color
R_{YB}	94, 77, 157
Decimal	6180253
CIE _{Lab}	38.06, 26.93, -41.34
CIE _{LCh}	38, 49.332, 303.081
Yxy	10.1221, 0.2359, 0.1788
Android (android.graphics.Color)	4284370333 (0xFF5E4D9D)
YUV	91.2030, 32.4379, 2.4530
Hunter-Lab	31.8147, 19.2583, -39.5045

Details

The HunterLab color **31.8147, 19.2583, -39.5045** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **54.9775, -17.6006, 25.9966**, and the grayscale version is **32.3081, -1.7239, 1.7554**.

A 20% lighter version of the original color is **50.9618, 21.3500, -40.6901**, and **15.8882, 16.9184, -39.7861** is the 20% darker color. If you saturate the color by 10%, you get **27.5351, 24.5431, -51.2889**, and if you desaturate by 10%, it is **36.4656, 14.3173, -29.1437**.

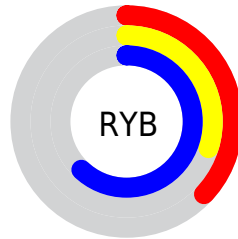
Distribution



Red (37%)

Green (30%)

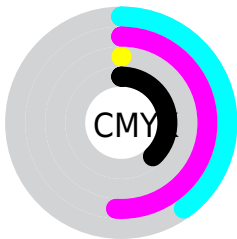
Blue (62%)



Red (37%)

Yellow (30%)

Blue (62%)

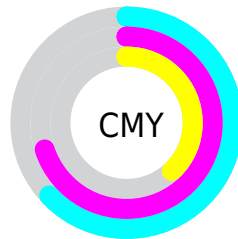


Cyan (40%)

Magenta (51%)

Yellow (0%)

Black (38%)



Cyan (63%)

Magenta (70%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8147, 19.2583, -39.5045 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 31.8147, 19.2583, -39.5045 by changing the saturation by 10% instead.

■ 31.8147, 19.2583,
-39.5045

■ 31.8147, 19.2583,
-39.5045

■ 138.3985, 24.4977,
-44.9088

■ 23.4094, 18.1510,
-39.2528

■ 51.0146, 21.0761,
-40.6771

■ 15.9108, 16.8936,
-39.6728

■ 61.6883, 21.8155,
-41.3584

■ 9.4466, 15.5006,
-41.9136

■ 73.0172, 22.4579,
-42.0371

0.0000, INF, -NF

■ 84.9656, 23.0128,
-42.6920

0.0000, NaN, -NF

■ 97.5028, 23.4881,
-43.3115

0.0000, NaN, -NF

0.0000, NaN, NaN

110.6023, 23.8904,

0.0000, NaN, NaN

-43.8893

0.0000, NaN, NaN

124.2411, 24.2253,
-44.4222

■ 31.8147, 19.2583,
-39.5045

■ 31.8147, 19.2583,
-39.5045

■ 27.5351, 24.5431,
-51.2889

■ 36.4656, 14.3173,
-29.1437

■ 23.7332, 30.0769,
-64.5376

■ 41.4091, 9.7014,
-19.9865

■ 20.5552, 35.4967,
-78.7212

■ 46.5917, 5.3580,
-11.7889

■ 18.1702, 39.9947,
-92.1893

■ 51.9741, 1.2312,
-4.3408

■ 16.6245, 43.1126,
-102.7648

■ 57.5277, -2.7276,
2.5249

■ 63.2308, -6.5578,
8.9373

■ 69.0669, -10.2905,
14.9955

■ 75.0227, -13.9499,
20.7752

■ 81.0876, -17.5547,
26.3348

Harmonies

Analogous

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



31.8153, 0.1642, -51.0757



31.8147, 19.2583, -39.5045



31.8153, 35.0018, -16.8532

Triad

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



31.8153, 19.2583, -39.5035



31.8153, 15.3567, 19.2461



31.8153, -29.2052, -0.0712

Complementary

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



31.8147, 19.2583, -39.5045



54.9775, -17.6006, 25.9966

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.



31.8153, -26.8599, 13.2410



31.8147, 19.2583, -39.5045



31.8153, -3.5209, 20.1179

Square

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



31.8153, 19.2583, -39.5035



31.8153, 32.4229, 14.8850



31.8153, -18.3324, 18.7305



31.8153, -25.6303, -21.7059

Rectangle

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



31.8147, 19.2583, -39.5045



31.8153, 39.9871, -2.4528



31.8153, -18.3324, 18.7305



31.8153, -29.0806, 5.4154

Sweetspot

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



31.8153, 19.2583, -39.5035



66.4019, 4.0102, -10.0215



48.0230, -14.6390, -10.0471



30.4904, 2.3865, -5.6139



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



31.8153, 19.2583, -39.5035



36.1901, 33.7355, -70.6995



35.6776, 29.6861, -30.5057



25.4948, 0.2633, -1.5104



15.0280, 38.8917, -92.2711



2.3735, 5.5540, -10.0118

Inverse Universe

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



37.9071, 33.9250, -14.8537



46.5907, 55.3547, -23.6238



52.3609, -27.6660, 23.8296



25.9430, 1.6877, -0.1876



26.4608, 49.7741, -17.4679



3.6161, 6.9299, -3.3791

Previews

White Background



This preview shows how the HunterLab color 31.8147, 19.2583, -39.5045 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8147, 19.2583, -39.5045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

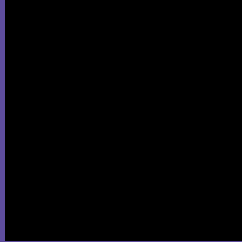
Any Text WCAG AA × Fail

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 31.8147, 19.2583, -39.5045 Background



This preview shows how black text looks on a background with the HunterLab color 31.8147, 19.2583, -39.5045.



This preview shows how white text looks on a background with the HunterLab color 31.8147, 19.2583, -39.5045.

-39.5045.

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

31.8147, 19.2583, -39.5045

Protanopia

31.9919, 8.7491, -47.8882

Deuteranopia

32.0729, 2.2445, -36.7128



Tritanopia

31.7624, -3.3112, -2.5210

Trichromacy



Original Color

31.8147, 19.2583, -39.5045

Protanomaly

31.5510, 12.0200, -45.4621

Deuteranomaly

31.5956, 7.4608, -38.5922

Tritanomaly

31.5324, 4.0548, -13.9103

Monochromacy



Original Color

31.8147, 19.2583, -39.5045

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.8884, 4.8511, -10.4228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8147, 19.2583, -39.5045 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(94, 77, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 77, 157)  
}
```

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(94, 77, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 77, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8147, 19.2583, -39.5045 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(94, 77, 157) }
```


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

```
.border{ border-color:rgb(94, 77, 157) }
```

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

Here you see how a box with a 4 pixel rgb(94, 77, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 77, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 77, 157);  
box-shadow:4px 4px 4px 4px rgb(94, 77,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8147, 19.2583, -39.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 77, 157) }
```

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

```
.background{ background-color: rgb(94, 77,  
157) }
```

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