

Converting Colors

HunterLab(31.8186, 27.4188,
-73.7407)

Have a look what the booklet for
HunterLab(31.8186, 27.4188,
-73.7407) contains.

HunterLab(31.8815, 27.1942, -73.7045)	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(31.8815, 27.1942,
-73.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	494AC1
RGB	73, 74, 193
RGB Percent	29%, 29%, 76%
CMY	0.7137, 0.7098, 0.2431
CMYK	0.62, 0.62, 0.00, 0.24
HSL	240°, 49%, 52%
HSV	240°, 62%, 76%
XYZ	14.8221, 10.1643, 51.6328
YIQ	87.2670, -38.7950, 36.7970

Conversions

Conversions Part 2

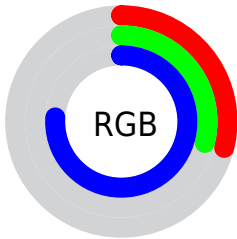
Format	Color
R_{YB}	73, 74, 193
Decimal	4803265
CIE _{Lab}	38.14, 35.79, -62.62
CIE _{LCh}	38, 72.128, 299.746
Yxy	10.1646, 0.1935, 0.1327
Android (android.graphics.Color)	4282993345 (0xFF494AC1)
YUV	87.2670, 52.1264, -12.5122
Hunter-Lab	31.8815, 27.1942, -73.7045

Details

The HunterLab color **31.8815, 27.1942, -73.7045** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **70.3712, -16.4966, 37.7619**, and the grayscale version is **30.7957, -1.6432, 1.6732**.

A 20% lighter version of the original color is **51.0437, 29.6106, -73.0825**, and **16.6239, 25.1515, -75.0733** is the 20% darker color. If you saturate the color by 10%, you get **27.1026, 34.8361, -93.0598**, and if you desaturate by 10%, it is **37.4096, 20.4046, -56.5526**.

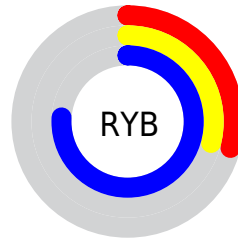
Distribution



Red (29%)

Green (29%)

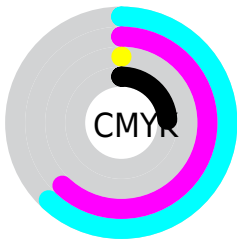
Blue (76%)



Red (29%)

Yellow (29%)

Blue (76%)

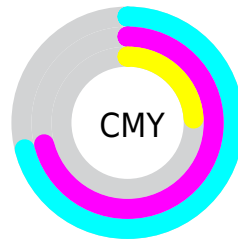


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (71%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8815, 27.1942, -73.7045 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 31.8815, 27.1942, -73.7045 by changing the saturation by 10% instead.

■ 31.8815, 27.1942,
-73.7045

■ 31.8815, 27.1942,
-73.7045

■ 138.5073, 35.5936,
-78.5235

■ 23.4696, 25.7092,
-75.3563

■ 51.0926, 29.7772,
-73.3294

■ 15.9638, 24.1052,
-79.4455

■ 61.7714, 30.8878,
-73.7876

■ 9.4911, 22.4815,
-89.6537

■ 73.1051, 31.8917,
-74.4389

0.0000, INF, -NF

0.0000, NaN, -NF

■ 85.0581, 32.7979,
-75.1981

0.0000, NaN, -NF

■ 97.5996, 33.6146,
-76.0135

0.0000, NaN, -NF

110.7033, 34.3488,

0.0000, NaN, NaN

-76.8524

0.0000, NaN, NaN

124.3460, 35.0067,
-77.6938

■ 31.8815, 27.1942,
-73.7045

■ 31.8815, 27.1942,
-73.7045

■ 27.1026, 34.8361,
-93.0598

■ 37.4096, 20.4046,
-56.5526

■ 23.3284, 42.7407,
-113.1034

■ 43.4967, 14.5042,
-41.7149

■ 20.8344, 49.3735,
-129.8740

■ 50.0140, 9.3534,
-28.8276

■ 19.7103, 52.8360,
-138.6938

■ 56.8737, 4.7883,
-17.4668

■ 64.0149, 0.6695,
-7.2712

■ 71.3943, -3.1113,
2.0398

■ 78.9801, -6.6351,
10.6766

■ 86.7482, -9.9625,
18.7966

■ 94.6797, -13.1385,
26.5170

Harmonies

Analogous

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



31.8819, -1.9250, -92.3473



31.8815, 27.1942, -73.7045



31.8819, 54.2223, -32.8796

Triad

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



31.8819, 27.1954, -73.7035



31.8819, 27.7090, 21.8691



31.8819, -37.9546, 1.9463

Complementary

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



31.8815, 27.1942, -73.7045



70.3712, -16.4966, 37.7619

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.



31.8819, -34.4910, 17.6305



31.8815, 27.1942, -73.7045



31.8819, -1.4801, 22.3173

Square

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



31.8819, 27.1954, -73.7035



31.8819, 54.5798, 17.4925



31.8819, -22.9677, 21.9106



31.8819, -34.6103, -32.1751

Rectangle

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



31.8815, 27.1942, -73.7045



31.8819, 64.1898, -7.9805



31.8819, -22.9677, 21.9106



31.8819, -37.5696, 9.1144

Sweetspot

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



31.8819, 27.1954, -73.7035



78.8252, 4.7692, -19.3111



65.8168, -30.5023, -4.3806



35.2501, 2.9704, -10.8328



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



31.8819, 27.1954, -73.7035



34.0665, 50.8959, -135.3824



36.6631, 39.8795, -58.2998



31.2427, -0.1987, -2.1674



16.0927, 43.0109, -112.9627



3.4148, 8.6396, -22.9186

Inverse Universe

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



40.7405, 40.9179, 16.3921



49.1662, 66.6717, 25.6091



66.1608, -34.1268, 34.5208



31.7478, 1.0960, 2.6265



27.4657, 47.0465, 17.6654



5.7133, 9.7947, 3.6102

Previews

White Background



This preview shows how the HunterLab color 31.8815, 27.1942, -73.7045 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 31.8815, 27.1942, -73.7045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

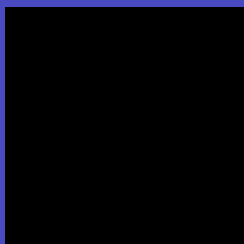
Any Text WCAG AA × Fail

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 31.8815, 27.1942, -73.7045 Background



This preview shows how black text looks on a background with the HunterLab color 31.8815, 27.1942, -73.7045.



This preview shows how white text looks on a background with the HunterLab color 31.8815, 27.1942, -73.7045.

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

31.8815, 27.1942, -73.7045

Protanopia

31.7403, 11.2368, -63.9297

Deuteranopia

31.8165, 0.4167, -40.6674



Tritanopia

31.9247, -13.8410, -6.4037

Trichromacy



Original Color

31.8815, 27.1942, -73.7045

Protanomaly

31.3934, 15.7882, -69.1699

Deuteranomaly

31.0971, 9.0149, -54.1383

Tritanomaly

31.0476, -1.4493, -26.8110

Monochromacy



Original Color

31.8815, 27.1942, -73.7045

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.5529, 6.4915, -19.3641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8815, 27.1942, -73.7045 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(73, 74, 193)` looks like.

```
.text, #text, p{  
    color:rgb(73, 74, 193)  
}
```

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(73, 74, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 74, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8815, 27.1942, -73.7045 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(73, 74, 193) }
```


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

```
.border{ border-color:rgb(73, 74, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 74, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 74, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 74, 193);  
box-shadow:4px 4px 4px 4px rgb(73, 74,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8815, 27.1942, -73.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 74, 193) }
```

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

```
.background{ background-color: rgb(73, 74,  
193) }
```

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