

Converting Colors

HunterLab(19.3348, 14.1272,
-84.2405)

Have a look what the booklet for
HunterLab(19.3348, 14.1272,
-84.2405) contains.

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Color

**HunterLab(21.8356, 20.5194,
-71.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	00339C
RGB	0, 51, 156
RGB Percent	0%, 20%, 61%
CMY	0.9999, 0.8000, 0.3882
CMYK	1.00, 0.67, 0.00, 0.39
HSL	220°, 100%, 31%
HSV	220°, 100%, 61%
XYZ	7.1845, 4.7679, 31.9940
YIQ	47.7210, -64.1010, 21.8430

Conversions

Conversions Part 2

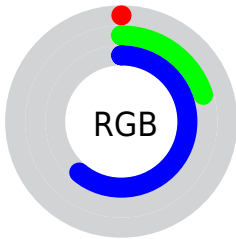
Format	Color
R_{YB}	0, 38, 156
Decimal	13212
CIE _{Lab}	26.06, 30.10, -60.44
CIE _{LCh}	26, 67.523, 296.477
Yxy	4.7680, 0.1635, 0.1085
Android (android.graphics.Color)	4278203292 (0xFF00339C)
YUV	47.7210, 53.3815, -41.8513
Hunter-Lab	21.8356, 20.5194, -71.5882

Details

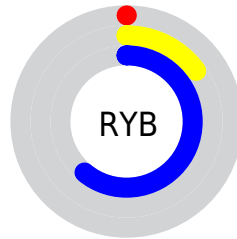
The HunterLab color **21.8356, 20.5194, -71.5882** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **41.4445, 8.2911, 25.6820**, and the grayscale version is **16.9452, -0.9042, 0.9207**.

A 20% lighter version of the original color is **39.1524, 23.0705, -69.7948**, and **11.1455, 21.8098, -61.0119** is the 20% darker color. If you saturate the color by 10%, you get **21.8321, 20.5289, -71.6043**, and if you desaturate by 10%, it is **24.2866, 15.5886, -61.5459**.

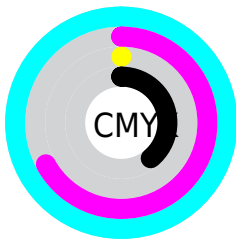
Distribution



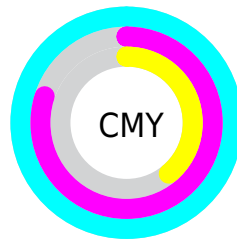
- Red (0%)
- Green (20%)
- Blue (61%)



- Red (0%)
- Yellow (15%)
- Blue (61%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8356, 20.5194, -71.5882 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 21.8356, 20.5194, -71.5882 by changing the saturation by 10% instead.

■ 21.8356, 20.5194,
-71.5882

■ 21.8356, 20.5194,
-71.5882

■ 121.4749, 27.9696,
-73.8804

■ 14.5320, 19.0996,
-75.8831

■ 39.1350, 22.9423,
-69.4143

■ 8.1930, 18.1778,
-88.3386

■ 48.9649, 23.9552,
-69.5450

0.0000, INF, -NF

■ 59.5027, 24.8532,
-70.0121

0.0000, NaN, -NF

■ 70.7039, 25.6478,
-70.6663

0.0000, NaN, -NF

■ 82.5311, 26.3490,
-71.4225

0.0000, NaN, -NF

■ 94.9529, 26.9652,

0.0000, NaN, NaN

0.0000, NaN, NaN

-72.2296

0.0000, NaN, NaN

107.9421, 27.5034,
-73.0557

■ 21.8356, 20.5194,
-71.5882

■ 21.8356, 20.5194,
-71.5882

■ 21.8321, 20.5289,
-71.6043

■ 24.2866, 15.5886,
-61.5459

■ 27.0743, 11.2326,
-51.9984

■ 30.1851, 7.6148,
-43.0463

■ 33.5678, 4.6898,
-34.7874

■ 37.1791, 2.3705,
-27.2066

■ 40.9841, 0.5628,
-20.2370

■ 44.9551, -0.8192,
-13.7951

■ 49.0701, -1.8484,
-7.7988

■ 53.3116, -2.5849,
-2.1745

Harmonies

Analogous

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



21.8358, -3.6519, -85.9449



21.8356, 20.5194, -71.5882



21.8358, 45.1618, -33.6542

Triad

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



21.8358, 20.5210, -71.5877



21.8358, 26.7166, 15.2851



21.8358, -29.0249, 3.4723

Complementary

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



21.8356, 20.5194, -71.5882



41.4445, 8.2911, 25.6820

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.



21.8358, -26.0677, 13.8336



21.8356, 20.5194, -71.5882



21.8358, 1.4358, 15.2851

Square

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



21.8358, 20.5210, -71.5877



21.8358, 49.6064, 12.4644



21.8358, -16.7254, 15.2851



21.8358, -27.2373, -24.6610

Rectangle

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



21.8356, 20.5194, -71.5882



21.8358, 55.4079, -10.1684



21.8358, -16.7254, 15.2851



21.8358, -28.5964, 8.5365

Sweetspot

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



21.8358, 20.5210, -71.5877



60.2537, -1.0049, -19.1026



49.7763, -35.5128, 14.4477



27.2760, -0.1540, -10.5197



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.



21.8358, 20.5210, -71.5877



28.8699, 29.1546, -99.0212



16.1887, 42.5417, -104.4730



26.0225, -1.2755, -0.8629



19.9593, 18.2484, -64.3405



3.7934, 0.0742, -4.9015

Inverse Universe

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



27.0323, 47.1727, 10.6140



36.3850, 63.4132, 14.9619



53.4071, -22.9570, 32.5065



25.8459, 1.1661, 1.1947



24.5446, 42.8587, 9.4627



3.3920, 6.1319, -0.3124

Previews

White Background



This preview shows how the HunterLab color 21.8356, 20.5194, -71.5882 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 21.8356, 20.5194, -71.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

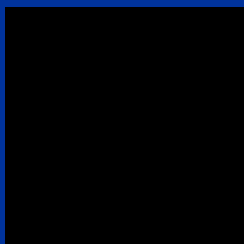
Any Text WCAG AA × Fail

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 21.8356, 20.5194, -71.5882 Background



This preview shows how black text looks on a background with the HunterLab color 21.8356, 20.5194, -71.5882.



This preview shows how white text looks on a background with the HunterLab color 21.8356, 20.5194, -71.5882.

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

21.8356, 20.5194, -71.5882

Protanopia

21.8266, 6.3463, -40.9812

Deuteranopia

21.7934, -0.9518, -25.1852



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.8356, 20.5194, -71.5882

Protanomaly

21.8202, 11.3111, -51.6909

Deuteranomaly

21.4676, 6.2145, -40.2481

Tritanomaly

21.0345, -1.4168, -23.2328

Monochromacy



Original Color

21.8356, 20.5194, -71.5882

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.8215, 2.7034, -18.9691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8356, 20.5194, -71.5882 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(0, 51, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 156)  
}
```

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(0, 51, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8356, 20.5194, -71.5882 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(0, 51, 156) }
```


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

```
.border{ border-color:rgb(0, 51, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 156)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8356, 20.5194, -71.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 156) }
```

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

```
.background{ background-color: rgb(0, 51,  
156) }
```

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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