

Converting Colors

HunterLab(19.0606, 21.3702,
-69.9562)

Have a look what the booklet for
HunterLab(19.0606, 21.3702,
-69.9562) contains.

HunterLab(18.9723, 21.6212, -70.3877)	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(18.9723, 21.6212,
-70.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	002990
RGB	0, 41, 144
RGB Percent	0%, 16%, 56%
CMY	0.9999, 0.8392, 0.4353
CMYK	1.00, 0.72, 0.00, 0.44
HSL	223°, 100%, 28%
HSV	223°, 100%, 56%
XYZ	5.8270, 3.5995, 26.7732
YIQ	40.4830, -57.4990, 23.3410

Conversions

Conversions Part 2

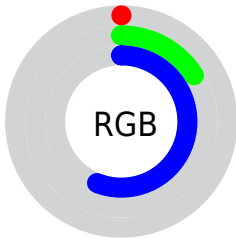
Format	Color
RYB	0, 32, 144
Decimal	10640
CIELab	22.30, 32.07, -59.26
CIELCh	22, 67.382, 298.418
Yxy	3.5995, 0.1610, 0.0994
Android (android.graphics.Color)	4278200720 (0xFF002990)
YUV	40.4830, 51.0339, -35.5036
Hunter-Lab	18.9723, 21.6212, -70.3877

Details

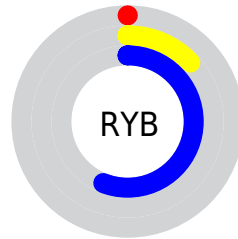
The HunterLab color **18.9723, 21.6212, -70.3877** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **39.5403, 4.6337, 24.4448**, and the grayscale version is **14.5782, -0.7779, 0.7921**.

A 20% lighter version of the original color is **35.5864, 24.4636, -67.6669**, and **8.7904, 23.8439, -62.4593** is the 20% darker color. If you saturate the color by 10%, you get **18.9693, 21.6299, -70.4028**, and if you desaturate by 10%, it is **21.2235, 16.8437, -60.3383**.

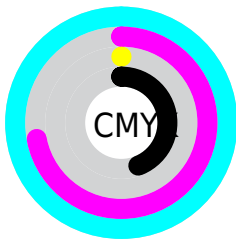
Distribution



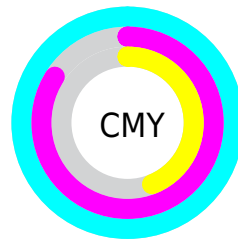
- Red (0%)
- Green (16%)
- Blue (56%)



- Red (0%)
- Yellow (13%)
- Blue (56%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (84%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9723, 21.6212, -70.3877 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 18.9723, 21.6212, -70.3877 by changing the saturation by 10% instead.

■ 18.9723, 21.6212,
-70.3877

■ 18.9723, 21.6212,
-70.3877

■ 116.3206, 30.1462,
-71.6335

■ 12.0506, 20.0896,
-76.0527

■ 35.6306, 24.3173,
-67.4433

■ 5.0468, 27.8985,
-116.2268

■ 45.1805, 25.4621,
-67.4529

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.4577, 26.4857,
-67.8547

0.0000, NaN, -NF

■ 66.4139, 27.3997,
-68.4719

0.0000, NaN, NaN

■ 78.0096, 28.2144,
-69.2060

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2111, 28.9389,

-69.9991

0.0000, NaN, NaN

102.9897, 29.5806,
-70.8158

18.9723, 21.6212,
-70.3877

18.9723, 21.6212,
-70.3877

18.9693, 21.6299,
-70.4028

21.2235, 16.8437,
-60.3383

23.8209, 12.5416,
-50.7757

26.7475, 8.9208,
-41.8500

29.9457, 5.9502,
-33.6848

33.3685, 3.5471,
-26.2590

■ 36.9792, 1.6195,
-19.4903

■ 40.7491, 0.0833,
-13.2802

■ 44.6563, -1.1321,
-7.5349

■ 48.6834, -2.0841,
-2.1723

Harmonies

Analogous

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



18.9724, -2.0892, -87.6715



18.9723, 21.6212, -70.3877



18.9724, 45.5902, -30.9654

Triad

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



18.9724, 21.6228, -70.3874



18.9724, 24.3549, 13.2807



18.9724, -26.5946, 2.0389

Complementary

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



18.9723, 21.6212, -70.3877



39.5403, 4.6337, 24.4448

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.



18.9724, -24.2680, 12.5902



18.9723, 21.6212, -70.3877



18.9724, 0.0871, 13.2807

Square

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



18.9724, 21.6228, -70.3874



18.9724, 47.5831, 11.8863



18.9724, -16.3628, 13.2807



18.9724, -24.7230, -26.8773

Rectangle

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



18.9723, 21.6212, -70.3877



18.9724, 55.0936, -8.1421



18.9724, -16.3628, 13.2807



18.9724, -26.2854, 7.1234

Sweetspot

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



18.9724, 21.6228, -70.3874



53.7965, 0.2257, -18.1372



45.6974, -31.8740, 11.6908



24.8471, 0.4561, -10.1472



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



18.9724, 21.6228, -70.3874



24.6899, 30.1817, -96.0138



15.0753, 39.1657, -93.7979



23.4296, -1.0284, -0.8369



17.8034, 19.8953, -65.2009



2.5304, 0.1954, -3.5847

Inverse Universe

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



24.6776, 42.9051, 10.9175



32.7334, 56.8416, 15.0690



48.5853, -22.3080, 29.5468



23.3404, 0.9723, 1.1913



23.0354, 40.0694, 10.0743



2.3267, 4.1897, -0.0861

Previews

White Background



This preview shows how the HunterLab color 18.9723, 21.6212, -70.3877 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 18.9723, 21.6212, -70.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

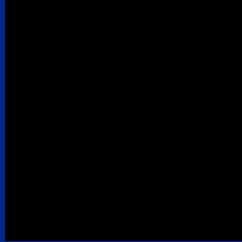
Any Text WCAG AA × Fail

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 18.9723, 21.6212, -70.3877 Background



This preview shows how black text looks on a background with the HunterLab color 18.9723, 21.6212, -70.3877.



This preview shows how white text looks on a background with the HunterLab color 18.9723, 21.6212, -70.3877.

-70.3877.

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

18.9723, 21.6212, -70.3877

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.9723, 21.6212, -70.3877

Protanomaly

18.7591, 10.6549, -46.4482

Deuteranomaly

18.8083, 6.0769, -36.6270

Tritanomaly

18.2179, -0.4798, -21.7351

Monochromacy



Original Color

18.9723, 21.6212, -70.3877

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0808, 3.6115, -18.9811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9723, 21.6212, -70.3877 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, 41, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 144)  
}
```

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, 41, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9723, 21.6212, -70.3877 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, 41, 144) }
```


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

```
.border{ border-color:rgb(0, 41, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 144)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9723, 21.6212, -70.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 144) }
```

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

```
.background{ background-color: rgb(0, 41,  
144) }
```

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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