

Converting Colors

HunterLab(19.1697, 11.9461,
-49.7481)

Have a look what the booklet for
HunterLab(19.1697, 11.9461,
-49.7481) contains.

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Color

**HunterLab(19.0951, 12.2739,
-50.3630)**

Conversions

Conversions Part 1	
Format	Color
Hex	00307F
RGB	0, 48, 127
RGB Percent	0%, 19%, 50%
CMY	0.9999, 0.8118, 0.5020
CMYK	1.00, 0.62, 0.00, 0.50
HSL	217°, 100%, 25%
HSV	217°, 100%, 50%
XYZ	4.8877, 3.6462, 20.5249
YIQ	42.6540, -53.9670, 14.3930

Conversions

Conversions Part 2

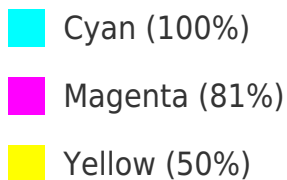
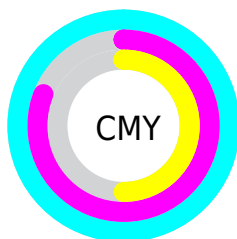
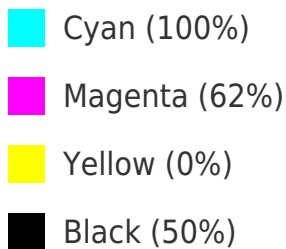
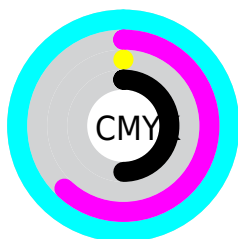
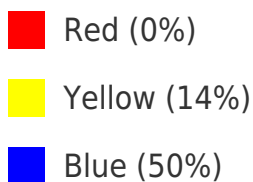
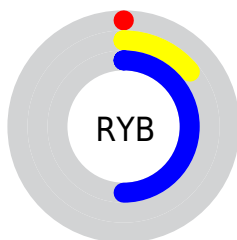
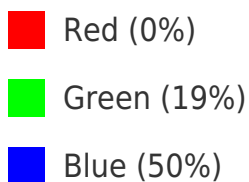
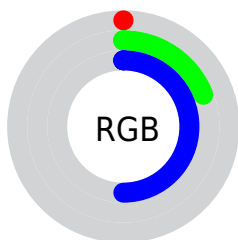
Format	Color
RYB	0, 35, 127
Decimal	12415
CIELab	22.47, 20.14, -48.36
CIELCh	22, 52.380, 292.608
Yxy	3.6463, 0.1682, 0.1255
Android (android.graphics.Color)	4278202495 (0xFF00307F)
YUV	42.6540, 41.5826, -37.4076
Hunter-Lab	19.0951, 12.2739, -50.3630

Details

The HunterLab color **19.0951, 12.2739, -50.3630** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.7908, 9.2162, 19.7498**, and the grayscale version is **15.3124, -0.8170, 0.8319**.

A 20% lighter version of the original color is **35.6969, 14.1142, -50.3659**, and **7.6108, 18.6077, -49.6814** is the 20% darker color. If you saturate the color by 10%, you get **19.0928, 12.2794, -50.3720**, and if you desaturate by 10%, it is **21.0582, 8.9382, -43.4001**.












Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0951, 12.2739, -50.3630 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 19.0951, 12.2739, -50.3630 by changing the saturation by 10% instead.

 19.0951, 12.2739, -50.3630	 19.0951, 12.2739, -50.3630
 116.5453, 16.1397, -54.4734	 12.1563, 11.2621, -52.8932
 35.7822, 13.8344, -49.7915	 5.2248, 16.5142, -75.9929
 45.3445, 14.4243, -50.2535	0.0000, NaN, -NF
 55.6332, 14.9103, -50.8880	0.0000, NaN, -NF
 66.6004, 15.3048, -51.6001	0.0000, NaN, -NF
 78.2063, 15.6178, -52.3384	0.0000, NaN, NaN
 90.4176, 15.8571,	0.0000, NaN, NaN

-53.0737

0.0000, NaN, NaN

103.2055, 16.0293,
-53.7888

19.0951, 12.2739,
-50.3630

19.0951, 12.2739,
-50.3630

19.0928, 12.2794,
-50.3720

21.0582, 8.9382,
-43.4001

23.2138, 6.0065,
-36.8736

25.5793, 3.6141,
-30.7153

28.1263, 1.7186,
-24.9647

30.8296, 0.2594,
-19.6130

■ 33.6683, -0.8261,
-14.6272

■ 36.6249, -1.5951,
-9.9644

■ 39.6853, -2.0970,
-5.5807

■ 42.8378, -2.3733,
-1.4354

Harmonies

Analogous

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



19.0953, -4.8121, -56.5363



19.0951, 12.2739, -50.3630



19.0953, 30.0100, -26.5654

Triad

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



19.0953, 12.2750, -50.3625



19.0953, 21.4321, 13.3667



19.0953, -22.9259, 4.4285

Complementary

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



19.0951, 12.2739, -50.3630



31.7908, 9.2162, 19.7498

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.



19.0953, -19.8038, 11.8634



19.0951, 12.2739, -50.3630



19.0953, 3.0934, 13.3667

Square

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



19.0953, 12.2750, -50.3625



19.0953, 36.3957, 9.2036



19.0953, -11.4478, 13.3667



19.0953, -21.9020, -13.9429

Rectangle

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



19.0951, 12.2739, -50.3630



19.0953, 38.0021, -9.9148



19.0953, -11.4478, 13.3667



19.0953, -22.3748, 7.8712

Sweetspot

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



19.0953, 12.2750, -50.3625



48.7185, -2.0725, -13.7746



39.6657, -29.0202, 13.0690



22.8872, -0.8427, -7.7198



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



19.0953, 12.2750, -50.3625



25.0167, 17.7064, -69.4917



12.7782, 33.8672, -84.6978



21.1125, -1.1692, -0.5281



19.1674, 12.3472, -50.6116

0.0000, NaN, NaN

Inverse Universe

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



21.7389, 38.2060, 6.4378



29.0427, 50.9580, 9.2976



43.1693, -16.4369, 26.3123



20.9023, 0.9085, 0.8545



21.8298, 38.3684, 6.4758

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 19.0951, 12.2739, -50.3630 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 19.0951, 12.2739, -50.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

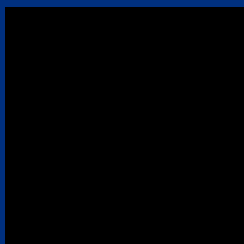
Any Text WCAG AA × Fail

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 19.0951, 12.2739, -50.3630 Background



This preview shows how black text looks on a background with the HunterLab color 19.0951, 12.2739, -50.3630.



This preview shows how white text looks on a background with the HunterLab color 19.0951, 12.2739, -50.3630.

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

19.0951, 12.2739, -50.3630

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.1169, -0.9634, -21.8148



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

19.0951, 12.2739, -50.3630

Protanomaly

19.1102, 7.6061, -40.3056

Deuteranomaly

18.9941, 3.6646, -31.6516

Tritanomaly

18.7522, -2.9798, -17.0061

Monochromacy



Original Color

19.0951, 12.2739, -50.3630

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1375, 0.8105, -13.8445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0951, 12.2739, -50.3630 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, 48, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 127)  
}
```

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, 48, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0951, 12.2739, -50.3630 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, 48, 127) }
```


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

```
.border{ border-color:rgb(0, 48, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0951, 12.2739, -50.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 127) }
```

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

```
.background{ background-color: rgb(0, 48,  
127) }
```

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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