

Converting Colors

HunterLab(19.4791, 49.3933,
-111.7115)

Have a look what the booklet for
HunterLab(19.4791, 49.3933,
-111.7115) contains.

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Color

**HunterLab(19.5261, 49.4919,
-111.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	3200B0
RGB	50, 0, 176
RGB Percent	20%, 0%, 69%
CMY	0.8039, 1.0000, 0.3098
CMYK	0.72, 1.00, 0.00, 0.31
HSL	257°, 100%, 35%
HSV	257°, 100%, 69%
XYZ	9.1518, 3.8127, 41.3278
YIQ	35.0140, -26.6960, 65.3360

Conversions

Conversions Part 2

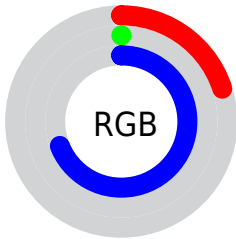
Format	Color
RYB	50, 0, 176
Decimal	3276976
CIELab	23.04, 60.89, -77.49
CIELCh	23, 98.550, 308.157
Yxy	3.8129, 0.1686, 0.0702
Android (android.graphics.Color)	4281467056 (0xFF3200B0)
YUV	35.0140, 69.5061, 13.1427
Hunter-Lab	19.5261, 49.4919, -111.8214

Details

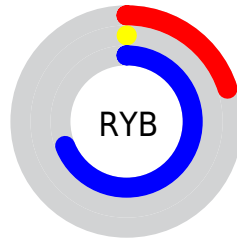
The HunterLab color **19.5261, 49.4919, -111.8214** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **59.5699, -31.9472, 36.1474**, and the grayscale version is **12.7623, -0.6810, 0.6934**.

A 20% lighter version of the original color is **36.2082, 53.8013, -102.9809**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **19.5267, 49.4924, -111.8178**, and if you desaturate by 10%, it is **21.4435, 46.3092, -99.5442**.

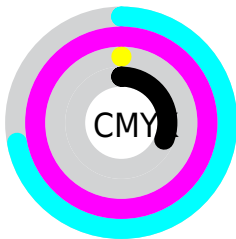
Distribution



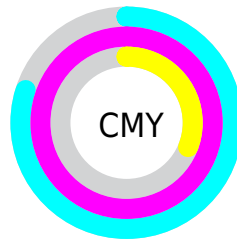
- Red (20%)
- Green (0%)
- Blue (69%)



- Red (20%)
- Yellow (0%)
- Blue (69%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (100%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5261, 49.4919, -111.8214 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 19.5261, 49.4919, -111.8214 by changing the saturation by 10% instead.

■ 19.5261, 49.4919,
-111.8214

■ 19.5261, 49.4919,
-111.8214

■ 117.3316, 66.5207,
-103.5258

■ 12.5278, 47.8721,
-124.9462

■ 36.3133, 53.7010,
-102.6532

■ 5.8042, 58.1778,
-182.6319

■ 45.9190, 55.8136,
-101.2569

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.2482, 57.8454,
-100.7792

0.0000, NaN, -NF

■ 67.2532, 59.7797,
-100.8527

0.0000, NaN, -NF

■ 78.8949, 61.6124,
-101.2688

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1402, 63.3443,

-101.9015

0.0000, NaN, NaN


 103.9606, 64.9789,
-102.6713


 19.5261, 49.4919,
-111.8214


 19.5261, 49.4919,
-111.8214


 19.5267, 49.4924,
-111.8178

 21.4435, 46.3092,
-99.5442

 24.1923, 41.4913,
-85.0308

 27.7990, 35.5106,
-69.8525

 32.0899, 29.2393,
-55.6044

 36.9121, 23.1099,
-42.8260

■ 42.1497, 17.2683,
-31.5027

■ 47.7187, 11.7262,
-21.4251

■ 53.5591, 6.4466,
-12.3536

■ 59.6271, 1.3812,
-4.0760

Harmonies

Analogous

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



19.5267, 7.9200, -171.5296



19.5261, 49.4919, -111.8214



19.5267, 87.6637, -32.7942

Triad

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



19.5267, 49.4924, -111.8178



19.5267, 25.6723, 13.6687



19.5267, -33.7766, -8.5372

Complementary

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



19.5261, 49.4919, -111.8214



59.5699, -31.9472, 36.1474

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.



19.5267, -32.4202, 13.0186



19.5261, 49.4919, -111.8214



19.5267, -8.6336, 13.6687

Square

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



19.5267, 49.4924, -111.8178



19.5267, 69.0291, 13.6687



19.5267, -25.5600, 13.6687



19.5267, -29.2999, -73.4081

Rectangle

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



19.5261, 49.4919, -111.8214



19.5267, 97.8171, -0.8029



19.5267, -25.5600, 13.6687



19.5267, -33.9877, 2.7610

Sweetspot

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



19.5267, 49.4924, -111.8178



63.8604, 16.1746, -29.5301



42.5329, -10.1617, -31.2262



28.2751, 8.9400, -16.2736



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



19.5267, 49.4924, -111.8178



26.1076, 66.4852, -151.9261



29.2002, 60.7407, -64.3437



28.8846, 0.5045, -1.7058



16.8041, 42.4637, -95.2345



3.4514, 8.0072, -14.0225

Inverse Universe

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



32.7663, 60.7097, -14.4587



44.0809, 81.5940, -18.8344



56.0940, -46.2010, 33.7560



29.3338, 1.8804, 0.0069



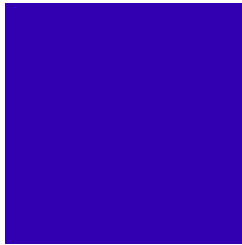
28.0853, 52.0686, -12.6404



5.0754, 9.5687, -3.5184

Previews

White Background



This preview shows how the HunterLab color 19.5261, 49.4919, -111.8214 looks on a white background.

Color Contrast Check

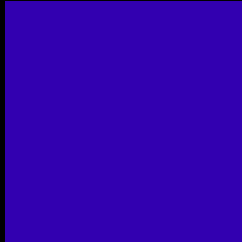
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5261, 49.4919, -111.8214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

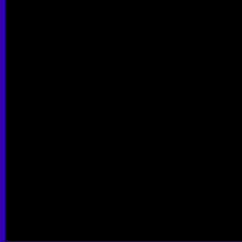
Any Text WCAG AA × Fail

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 19.5261, 49.4919, -111.8214 Background



This preview shows how black text looks on a background with the HunterLab color 19.5261, 49.4919, -111.8214.



This preview shows how white text looks on a background with the HunterLab color 19.5261, 49.4919, -111.8214.

-111.8214.

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

19.5261, 49.4919, -111.8214

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.3287, -1.6117, -21.9300



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

19.5261, 49.4919, -111.8214

Protanomaly

17.9592, 22.9167, -67.9131

Deuteranomaly

17.4560, 18.2626, -57.1218

Tritanomaly

16.6614, 10.4419, -39.0494

Monochromacy



Original Color

19.5261, 49.4919, -111.8214

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0262, 16.1443, -31.7634

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5261, 49.4919, -111.8214 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(50, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(50, 0, 176)  
}
```

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(50, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5261, 49.4919, -111.8214 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(50, 0, 176) }
```


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

```
.border{ border-color:rgb(50, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(50, 0, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5261, 49.4919, -111.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 0, 176) }
```

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

```
.background{ background-color: rgb(50, 0,  
176) }
```

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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