

Converting Colors

HunterLab(19.4944, 49.6602,
-110.0876)

Have a look what the booklet for
HunterLab(19.4944, 49.6602,
-110.0876) contains.

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Color

**HunterLab(19.6266, 49.3808,
-109.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	3500AF
RGB	53, 0, 175
RGB Percent	21%, 0%, 69%
CMY	0.7921, 1.0000, 0.3137
CMYK	0.70, 1.00, 0.00, 0.31
HSL	258°, 100%, 34%
HSV	258°, 100%, 69%
XYZ	9.2061, 3.8520, 40.8158
YIQ	35.7970, -24.5870, 65.6610

Conversions

Conversions Part 2

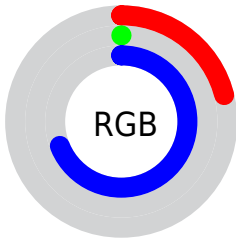
Format	Color
RYB	53, 0, 175
Decimal	3473583
CIELab	23.18, 60.76, -76.66
CIELCh	23, 97.820, 308.400
Yxy	3.8522, 0.1709, 0.0715
Android (android.graphics.Color)	4281663663 (0xFF3500AF)
YUV	35.7970, 68.6271, 15.0870
Hunter-Lab	19.6266, 49.3808, -109.5618

Details

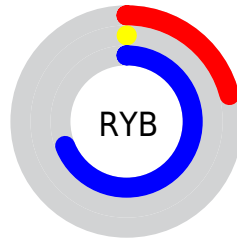
The HunterLab color **19.6266, 49.3808, -109.5618** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **58.9891, -32.5589, 35.7788**, and the grayscale version is **13.0127, -0.6943, 0.7070**.

A 20% lighter version of the original color is **36.4735, 53.3856, -100.6926**, and **11.7494, 31.8702, -83.4842** is the 20% darker color. If you saturate the color by 10%, you get **19.6271, 49.3814, -109.5585**, and if you desaturate by 10%, it is **21.5468, 46.2951, -97.5145**.

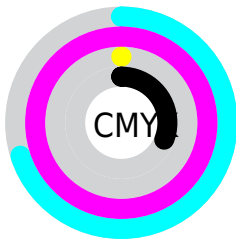
Distribution



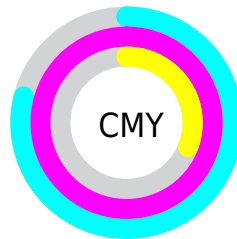
- Red (21%)
- Green (0%)
- Blue (69%)



- Red (21%)
- Yellow (0%)
- Blue (69%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6266, 49.3808, -109.5618 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 19.6266, 49.3808, -109.5618 by changing the saturation by 10% instead.

■ 19.6266, 49.3808,
-109.5618

■ 19.6266, 49.3808,
-109.5618

■ 117.5141, 66.3753,
-101.9987

■ 12.6145, 47.7468,
-122.1003

■ 36.4368, 53.5901,
-100.8545

■ 5.9304, 57.1381,
-175.6021

■ 46.0526, 55.6988,
-99.5611

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.3911, 57.7258,
-99.1493

0.0000, NaN, -NF

■ 67.4048, 59.6551,
-99.2658

0.0000, NaN, -NF

■ 79.0548, 61.4825,
-99.7097

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3080, 63.2092,

-100.3598

0.0000, NaN, NaN

104.1360, 64.8387,
-101.1396

19.6266, 49.3808,
-109.5618

19.6266, 49.3808,
-109.5618

19.6271, 49.3814,
-109.5585

21.5468, 46.2951,
-97.5145

24.2733, 41.5924,
-83.3807

27.8387, 35.7049,
-68.5991

32.0763, 29.4843,
-54.6856

36.8382, 23.3664,
-42.1678

■ 42.0112, 17.5066,
-31.0449

■ 47.5132, 11.9263,
-21.1241

■ 53.2848, 6.5952,
-12.1792

■ 59.2826, 1.4695,
-4.0073

Harmonies

Analogous

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



19.6271, 8.1409, -168.6678



19.6266, 49.3808, -109.5618



19.6271, 86.9382, -31.9195

Triad

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



19.6271, 49.3814, -109.5585



19.6271, 25.1200, 13.7390



19.6271, -33.6527, -8.7946

Complementary

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



19.6266, 49.3808, -109.5618



58.9891, -32.5589, 35.7788

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.



19.6271, -32.3606, 12.9047



19.6266, 49.3808, -109.5618



19.6271, -8.8068, 13.7390

Square

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



19.6271, 49.3814, -109.5585



19.6271, 68.0065, 13.7390



19.6271, -25.6108, 13.7390



19.6271, -29.1881, -73.1063

Rectangle

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



19.6266, 49.3808, -109.5618



19.6271, 96.7584, -0.5316



19.6271, -25.6108, 13.7390



19.6271, -33.8772, 2.5440

Sweetspot

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



19.6271, 49.3814, -109.5585



63.1942, 16.3390, -28.9232



41.3973, -8.8064, -32.7327



28.3397, 9.1406, -16.1531



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.



19.6271, 49.3814, -109.5585



26.0751, 65.9127, -147.9415



29.4459, 60.9381, -62.4523



28.0543, 0.5243, -1.6245



16.6957, 41.8676, -92.1224



3.2637, 7.4785, -12.5361

Inverse Universe

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



32.4330, 59.8742, -12.6218



43.3573, 79.9606, -16.2462



55.6933, -46.1081, 33.5107



28.4712, 1.7868, 0.0770



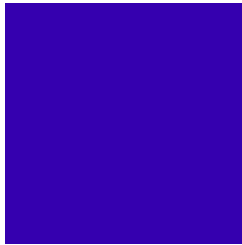
27.4668, 50.7418, -10.9653



4.6795, 8.8131, -3.1726

Previews

White Background



This preview shows how the HunterLab color 19.6266, 49.3808, -109.5618 looks on a white background.

Color Contrast Check

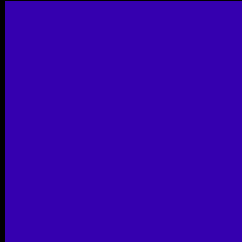
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6266, 49.3808, -109.5618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

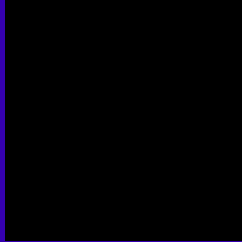
Any Text WCAG AA × Fail

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 19.6266, 49.3808, -109.5618 Background



This preview shows how black text looks on a background with the HunterLab color 19.6266, 49.3808, -109.5618.



This preview shows how white text looks on a background with the HunterLab color 19.6266, 49.3808, -109.5618.

-109.5618.

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

19.6266, 49.3808, -109.5618

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.3760, -1.3517, -22.5503



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

19.6266, 49.3808, -109.5618

Protanomaly

18.0673, 23.3098, -68.6160

Deuteranomaly

17.4842, 18.3296, -56.9934

Tritanomaly

16.6909, 10.5244, -38.9422

Monochromacy



Original Color

19.6266, 49.3808, -109.5618

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.3909, 16.3099, -31.3864

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6266, 49.3808, -109.5618 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(53, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(53, 0, 175)  
}
```

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(53, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 0, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6266, 49.3808, -109.5618 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(53, 0, 175) }
```


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

```
.border{ border-color:rgb(53, 0, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 0, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(53, 0, 175)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6266, 49.3808, -109.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 0, 175) }
```

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

```
.background{ background-color: rgb(53, 0,  
175) }
```

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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