

Converting Colors

HunterLab(49.9226, 21.9480,
-14.1310)

Have a look what the booklet for
HunterLab(49.9226, 21.9480,
-14.1310) contains.

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Color

**HunterLab(49.8811, 22.0305,
-14.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	AA78AA
RGB	170, 120, 170
RGB Percent	67%, 47%, 67%
CMY	0.3333, 0.5294, 0.3333
CMYK	0.00, 0.29, 0.00, 0.33
HSL	300°, 23%, 57%
HSV	300°, 29%, 67%
XYZ	30.5497, 24.8812, 41.2226
YIQ	140.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

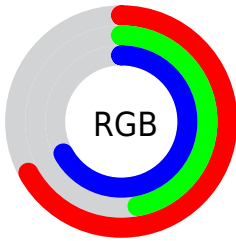
Format	Color
RYB	170, 120, 170
Decimal	11172010
CIELab	56.96, 28.02, -18.89
CIELCh	57, 33.791, 326.009
Yxy	24.8823, 0.3161, 0.2574
Android (android.graphics.Color)	4289362090 (0xFFAA78AA)
YUV	140.6500, 14.4695, 25.7399
Hunter-Lab	49.8811, 22.0305, -14.0815

Details

The HunterLab color **49.8811, 22.0305, -14.0815** is a light color, and the websafe version is hex **996699**. A complement of this color would be **58.3947, -24.2071, 17.5156**, and the grayscale version is **51.4110, -2.7432, 2.7933**.

A 20% lighter version of the original color is **71.7580, 23.4219, -14.2302**, and **30.7737, 20.3696, -13.7025** is the 20% darker color. If you saturate the color by 10%, you get **45.9888, 30.8537, -20.1517**, and if you desaturate by 10%, it is **54.1673, 13.2282, -8.0181**.

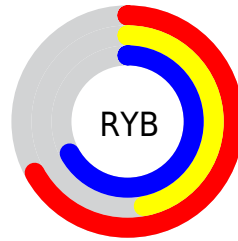
Distribution



Red (67%)

Green (47%)

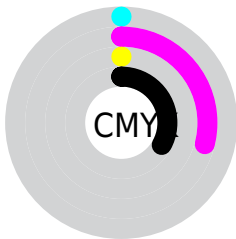
Blue (67%)



Red (67%)

Yellow (47%)

Blue (67%)

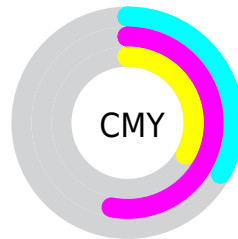


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8811, 22.0305, -14.0815 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 49.8811, 22.0305, -14.0815 by changing the saturation by 10% instead.

■ 49.8811, 22.0305,
-14.0815

■ 49.8811, 22.0305,
-14.0815

166.5087, 26.2761,
-14.1089

■ 39.9868, 21.1193,
-13.7817

■ 71.7400, 23.5260,
-14.4769

■ 30.8491, 20.0847,
-13.4147

■ 83.6218, 24.1347,
-14.5815

■ 22.5382, 18.9107,
-12.9863

■ 96.0956, 24.6616,
-14.6286

■ 15.1463, 17.5886,
-12.5273

109.1345, 25.1135,
-14.6215

■ 8.7783, 16.2982,
-12.2385

122.7149, 25.4963,
-14.5633

0.0000, INF, -NF

0.0000, NaN, NaN

136.8162, 25.8149,

-14.4568

0.0000, NaN, NaN

151.4197, 26.0736,
-14.3046

0.0000, NaN, NaN

■ 49.8811, 22.0305,
-14.0815

■ 49.8811, 22.0305,
-14.0815

■ 45.9888, 30.8537,
-20.1517

■ 54.1673, 13.2282,
-8.0181

■ 42.5495, 39.4843,
-26.0828

■ 58.7886, 4.5742,
-2.0497

■ 39.6297, 47.5854,
-31.6445

■ 63.6992, -3.8754,
3.7850

■ 37.2891, 54.7124,
-36.5333

■ 68.8598, -12.1038,
9.4737

■ 35.5678, 60.3834,
-40.4208

■ 74.2383, -20.1168,
15.0199

■ 34.4691, 64.2226,
-43.0513

■ 79.8082, -27.9318,
20.4350

■ 33.8677, 66.4034,
-44.5451

■ 85.5478, -35.5710,
25.7335

■ 33.8355, 66.5217,
-44.6261

■ 91.0871, -42.6188,
30.6262

■ 91.0871, -42.6188,
30.6262

Harmonies

Analogous

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



49.8822, 9.8709, -26.6904



49.8811, 22.0305, -14.0815



49.8822, 27.5705, 0.8753

Triad

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



49.8822, 22.0290, -14.0803



49.8822, -0.7515, 22.2854



49.8822, -24.8899, -10.0576

Complementary

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



49.8811, 22.0305, -14.0815



58.3947, -24.2071, 17.5156

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.



49.8822, -27.0651, 4.4876



49.8811, 22.0305, -14.0815



49.8822, -14.0721, 20.8602

Square

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



49.8822, 22.0290, -14.0803



49.8822, 13.5211, 19.7951



49.8822, -23.3275, 15.1534



49.8822, -17.0174, -23.9489

Rectangle

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



49.8811, 22.0305, -14.0815



49.8822, 26.3589, 9.3551



49.8822, -23.3275, 15.1534



49.8822, -26.2710, -4.9851

Sweetspot

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



49.8822, 22.0290, -14.0803



79.3462, 5.8770, -2.5647



45.0883, 7.0789, -22.1024



37.0396, 3.5498, -1.7455



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.8822, 22.0290, -14.0803



63.8590, 37.0836, -24.0657



49.0147, 17.6712, -1.8930



27.6887, 2.0992, -0.9278



29.0198, 57.0538, -38.2746



4.5265, 8.8993, -5.9702

Inverse Universe

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



49.8822, 22.0290, -14.0803



63.8590, 37.0836, -24.0657



58.9810, -20.8013, 9.0503



27.6887, 2.0992, -0.9278



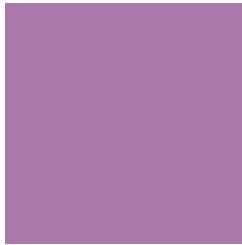
29.0198, 57.0538, -38.2746



4.5265, 8.8993, -5.9702

Previews

White Background



This preview shows how the HunterLab color 49.8811, 22.0305, -14.0815 looks on a white background.

Color Contrast Check

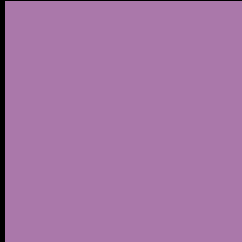
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.8811, 22.0305, -14.0815 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.8811, 22.0305, -14.0815 Background



This preview shows how black text looks on a background with the HunterLab color 49.8811, 22.0305, -14.0815.



This preview shows how white text looks on a background with the HunterLab color 49.8811, 22.0305, -14.0815.

-14.0815.

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

49.8811, 22.0305, -14.0815

Protanopia

49.9492, 3.0612, -21.0592

Deuteranopia

49.9911, 3.5375, -12.4934



Tritanopia

49.9556, 11.0198, 3.3305

Trichromacy



Original Color

49.8811, 22.0305, -14.0815

Protanomaly

49.8019, 9.2722, -18.6695

Deuteranomaly

49.8233, 10.0102, -13.2086

Tritanomaly

49.7684, 15.0855, -2.4460

Monochromacy



Original Color

49.8811, 22.0305, -14.0815

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.7124, 6.3031, -3.3712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8811, 22.0305, -14.0815 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(170, 120, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 170)  
}
```

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(170, 120, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8811, 22.0305, -14.0815 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(170, 120, 170) }
```


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

```
.border{ border-color:rgb(170, 120, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 120, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 120, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 120, 170); box-shadow:4px 4px 4px 4px rgb(170, 120, 170) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8811, 22.0305, -14.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 170) }
```

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

```
.background{ background-color: rgb(170,  
120, 170) }
```

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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