

Converting Colors

HunterLab(21.4995, 46.9340,
-110.9866)

Have a look what the booklet for
HunterLab(21.4995, 46.9340,
-110.9866) contains.

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Color

**HunterLab(21.4802, 46.9100,
-111.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	3114B8
RGB	49, 20, 184
RGB Percent	19%, 8%, 72%
CMY	0.8078, 0.9216, 0.2784
CMYK	0.73, 0.89, 0.00, 0.28
HSL	251°, 80%, 40%
HSV	251°, 89%, 72%
XYZ	10.1685, 4.6140, 45.7022
YIQ	47.3670, -35.3600, 57.1520

Conversions

Conversions Part 2

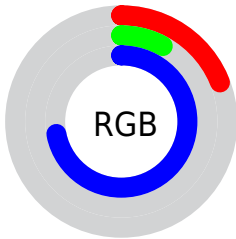
Format	Color
R _Y B	49, 20, 184
Decimal	3216568
CIE Lab	25.61, 58.03, -78.01
CIE LCh	26, 97.229, 306.644
Yxy	4.6140, 0.1681, 0.0763
Android (android.graphics.Color)	4281406648 (0xFF3114B8)
YUV	47.3670, 67.3601, 1.4321
Hunter-Lab	21.4802, 46.9100, -111.1117

Details

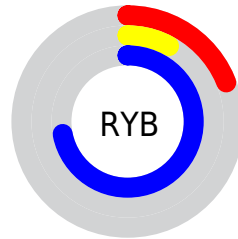
The HunterLab color **21.4802, 46.9100, -111.1117** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **64.2641, -26.9634, 38.5169**, and the grayscale version is **16.7737, -0.8950, 0.9113**.

A 20% lighter version of the original color is **38.6879, 51.0149, -102.8027**, and **12.5896, 34.1493, -89.4544** is the 20% darker color. If you saturate the color by 10%, you get **19.5783, 50.7499, -124.3761**, and if you desaturate by 10%, it is **24.4284, 41.1499, -94.2900**.

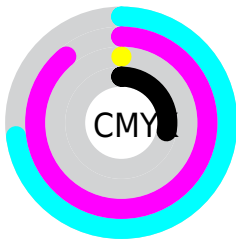
Distribution



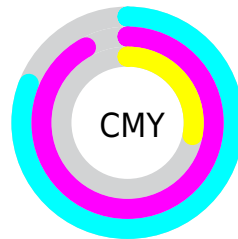
- Red (19%)
- Green (8%)
- Blue (72%)



- Red (19%)
- Yellow (8%)
- Blue (72%)



- Cyan (73%)
- Magenta (89%)
- Yellow (0%)
- Black (28%)



- Cyan (81%)
- Magenta (92%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4802, 46.9100, -111.1117 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 21.4802, 46.9100, -111.1117 by changing the saturation by 10% instead.

■ 21.4802, 46.9100,
-111.1117

■ 21.4802, 46.9100,
-111.1117

■ 120.8438, 63.1216,
-104.7218

■ 14.2219, 45.0740,
-122.0492

■ 38.7028, 51.0746,
-103.2796

■ 7.8776, 45.7200,
-151.3526

■ 48.4990, 53.0940,
-102.1175

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.0055, 55.0182,
-101.7750

0.0000, NaN, -NF

■ 70.1772, 56.8389,
-101.9303

0.0000, NaN, -NF

■ 81.9765, 58.5559,
-102.3975

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 94.3717, 60.1722,

-103.0629

0.0000, NaN, NaN

107.3355, 61.6925,
-103.8537

21.4802, 46.9100,
-111.1117

21.4802, 46.9100,
-111.1117

19.5783, 50.7499,
-124.3761

24.4284, 41.1499,
-94.2900

19.4338, 51.0881,
-125.4808

28.3581, 34.4311,
-76.7343

33.0492, 27.7315,
-60.5030

38.3182, 21.4419,
-46.1798

44.0316, 15.6331,
-33.6564

■ 50.0960, 10.2539,
-22.6218

■ 56.4460, 5.2240,
-12.7592

■ 63.0352, 0.4669,
-3.8032

■ 69.8293, -4.0813,
4.4536

Harmonies

Analogous

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



21.4803, 6.1499, -164.0812



21.4802, 46.9100, -111.1117



21.4803, 84.8501, -35.3483

Triad

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



21.4803, 46.9126, -111.1115



21.4803, 27.7646, 15.0362



21.4803, -34.7925, -6.4311

Complementary

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



21.4802, 46.9100, -111.1117



64.2641, -26.9634, 38.5169

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.



21.4803, -33.3087, 13.9552



21.4802, 46.9100, -111.1117



21.4803, -7.5841, 15.0362

Square

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



21.4803, 46.9126, -111.1115



21.4803, 70.1014, 15.0362



21.4803, -26.3119, 15.0362



21.4803, -31.0267, -67.0502

Rectangle

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



21.4802, 46.9100, -111.1117



21.4803, 95.8303, -2.4006



21.4803, -26.3119, 15.0362



21.4803, -34.8911, 4.2152

Sweetspot

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



21.4803, 46.9126, -111.1115



68.8616, 12.6369, -28.1250



52.5457, -20.8184, -19.1542



30.6596, 6.9642, -15.2561



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



21.4803, 46.9126, -111.1115



26.0275, 68.6753, -170.0198



29.4176, 57.7732, -72.2579



29.6544, 0.2644, -1.8749



16.2026, 42.4673, -103.6369



3.4074, 8.3028, -16.9259

Inverse Universe

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



36.1339, 64.8712, -27.4713



47.4526, 89.7874, -35.4091



59.8448, -44.6500, 35.4390



30.2237, 2.0983, -0.3920



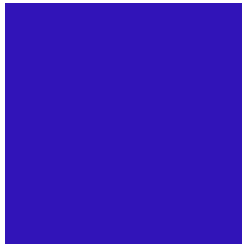
29.2958, 55.4925, -22.3292



5.5659, 10.6495, -5.0678

Previews

White Background



This preview shows how the HunterLab color 21.4802, 46.9100, -111.1117 looks on a white background.

Color Contrast Check

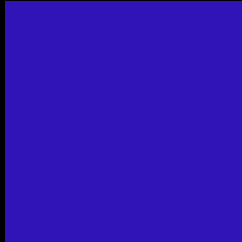
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4802, 46.9100, -111.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

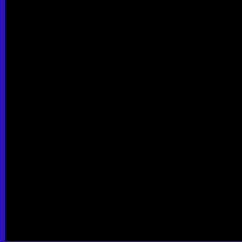
Any Text WCAG AA × Fail

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 21.4802, 46.9100, -111.1117 Background



This preview shows how black text looks on a background with the HunterLab color 21.4802, 46.9100, -111.1117.



This preview shows how white text looks on a background with the HunterLab color 21.4802, 46.9100, -111.1117.

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

21.4802, 46.9100, -111.1117

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.4374, -1.0532, -24.5214



Tritanopia

21.4526, -10.6094, -3.9112

Trichromacy



Original Color

21.4802, 46.9100, -111.1117

Protanomaly

20.2007, 20.9904, -67.0009

Deuteranomaly

19.7050, 15.9642, -55.4416

Tritanomaly

19.2055, 7.4143, -36.2656

Monochromacy



Original Color

21.4802, 46.9100, -111.1117

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.7767, 13.6058, -29.3917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4802, 46.9100, -111.1117 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(49, 20, 184)` looks like.

```
.text, #text, p{  
    color:rgb(49, 20, 184)  
}
```

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(49, 20, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 20, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4802, 46.9100, -111.1117 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(49, 20, 184) }
```


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

```
.border{ border-color:rgb(49, 20, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 20, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 20, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 20, 184);  
box-shadow:4px 4px 4px 4px rgb(49, 20,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4802, 46.9100, -111.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 20, 184) }
```

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

```
.background{ background-color: rgb(49, 20,  
184) }
```

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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