

Converting Colors

HunterLab(19.7917, 41.3716,
-114.0472)

Have a look what the booklet for
HunterLab(19.7917, 41.3716,
-114.0472) contains.

HunterLab(19.8744, 41.4206, -114.2565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.8744, 41.4206,
-114.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	0019B3
RGB	0, 25, 179
RGB Percent	0%, 10%, 70%
CMY	0.9999, 0.9020, 0.2980
CMYK	1.00, 0.86, 0.00, 0.30
HSL	232°, 100%, 35%
HSV	232°, 100%, 70%
XYZ	8.4843, 3.9499, 42.9630
YIQ	35.0810, -64.3340, 42.5940

Conversions

Conversions Part 2

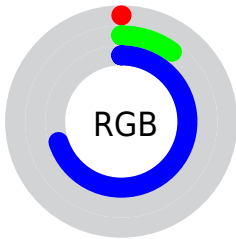
Format	Color
RYB	0, 22, 179
Decimal	6579
CIELab	23.51, 53.18, -78.58
CIElCh	24, 94.884, 304.089
Yxy	3.9499, 0.1532, 0.0713
Android (android.graphics.Color)	4278196659 (0xFF0019B3)
YUV	35.0810, 70.9521, -30.7660
Hunter-Lab	19.8744, 41.4206, -114.2565

Details

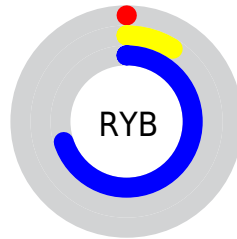
The HunterLab color **19.8744, 41.4206, -114.2565** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **57.1910, -5.9738, 35.1352**, and the grayscale version is **12.7890, -0.6824, 0.6949**.

A 20% lighter version of the original color is **36.7356, 45.1327, -104.6527**, and **12.1683, 33.0064, -86.4607** is the 20% darker color. If you saturate the color by 10%, you get **19.8707, 41.4349, -114.2827**, and if you desaturate by 10%, it is **22.1973, 34.7925, -99.6275**.

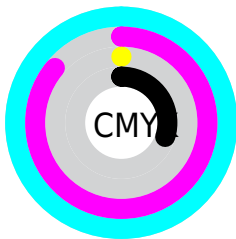
Distribution



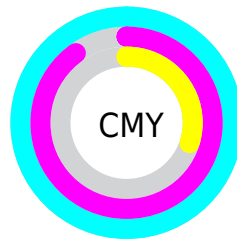
- Red (0%)
- Green (10%)
- Blue (70%)



- Red (0%)
- Yellow (9%)
- Blue (70%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8744, 41.4206, -114.2565 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 19.8744, 41.4206, -114.2565 by changing the saturation by 10% instead.

■ 19.8744, 41.4206,
-114.2565

■ 19.8744, 41.4206,
-114.2565

■ 117.9625, 56.5210,
-105.5946

■ 12.8281, 39.6247,
-127.4819

■ 36.7405, 45.4048,
-104.9000

■ 6.2293, 45.4364,
-178.6615

■ 46.3809, 47.3051,
-103.4424

0.0000, INF, -NF

■ 56.7422, 49.1010,
-102.9211

0.0000, NaN, -NF

■ 67.7775, 50.7881,
-102.9643

0.0000, NaN, -NF

■ 79.4478, 52.3685,
-103.3599

0.0000, NaN, NaN

■ 91.7202, 53.8471,

0.0000, NaN, NaN

-103.9798

0.0000, NaN, NaN

104.5667, 55.2293,
-104.7426

19.8744, 41.4206,
-114.2565

19.8744, 41.4206,
-114.2565

19.8707, 41.4349,
-114.2827

22.1973, 34.7925,
-99.6275

25.3691, 27.8161,
-83.5529

29.2647, 21.4324,
-67.9963

33.7217, 15.9329,
-53.9260

38.6137, 11.2920,
-41.4932

■ 43.8487, 7.3770,
-30.5178

■ 49.3613, 4.0435,
-20.7392

■ 55.1044, 1.1671,
-11.9118

■ 61.0434, -1.3509,
-3.8319

Harmonies

Analogous

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



19.8744, 3.1190, -161.1368



19.8744, 41.4206, -114.2565



19.8744, 79.2944, -39.5064

Triad

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



19.8744, 41.4236, -114.2568



19.8744, 30.0538, 13.9121



19.8744, -33.3172, -3.1334

Complementary

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



19.8744, 41.4206, -114.2565



57.1910, -5.9738, 35.1352

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.



19.8744, -31.2787, 13.9121



19.8744, 41.4206, -114.2565



19.8744, -4.9227, 13.9121

Square

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



19.8744, 41.4236, -114.2568



19.8744, 70.4752, 13.9121



19.8744, -23.8140, 13.9121



19.8744, -29.7955, -58.5410

Rectangle

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



19.8744, 41.4206, -114.2565



19.8744, 91.8213, -5.2708



19.8744, -23.8140, 13.9121



19.8744, -33.2595, 5.8498

Sweetspot

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



19.8744, 41.4236, -114.2568



65.6628, 5.6293, -28.4085



58.7474, -36.5677, 5.5122



29.4437, 3.4924, -15.8716



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



19.8744, 41.4236, -114.2568



26.2331, 56.8309, -155.4708



20.7399, 51.2008, -108.2433



29.0087, -0.7114, -1.5672



16.8783, 34.1731, -94.8663



3.8674, 3.3636, -12.0951

Inverse Universe

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



31.0719, 53.4312, 18.3274



41.5577, 71.4246, 24.8713



59.9818, -35.4184, 36.3395



29.1958, 1.1387, 1.9731



26.1299, 44.9603, 15.2408



4.6998, 8.2143, 1.7514

Previews

White Background



This preview shows how the HunterLab color 19.8744, 41.4206, -114.2565 looks on a white background.

Color Contrast Check

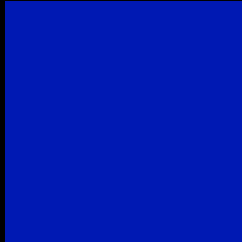
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8744, 41.4206, -114.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

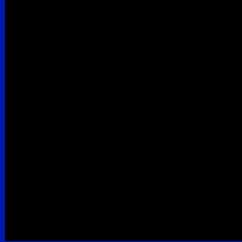
Any Text WCAG AA × Fail

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 19.8744, 41.4206, -114.2565 Background



This preview shows how black text looks on a background with the HunterLab color 19.8744, 41.4206, -114.2565.



This preview shows how white text looks on a background with the HunterLab color 19.8744, 41.4206, -114.2565.

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

19.8744, 41.4206, -114.2565

Protanopia

19.9833, 5.3911, -36.6153

Deuteranopia

20.0244, -1.4492, -21.9003



Tritanopia

20.1498, -10.3094, -2.9305

Trichromacy



Original Color

19.8744, 41.4206, -114.2565

Protanomaly

19.1454, 18.3420, -63.5252

Deuteranomaly

18.8821, 12.7796, -51.1885

Tritanomaly

18.2832, 5.0499, -33.7537

Monochromacy



Original Color

19.8744, 41.4206, -114.2565

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.5597, 9.7222, -30.9004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8744, 41.4206, -114.2565 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, 25, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 179)  
}
```

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, 25, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8744, 41.4206, -114.2565 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, 25, 179) }
```


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

```
.border{ border-color:rgb(0, 25, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 25, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 179)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8744, 41.4206, -114.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 179) }
```

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

```
.background{ background-color: rgb(0, 25,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor