

Converting Colors

HunterLab(12.4374, 68.5504,
-240.3411)

Have a look what the booklet for
HunterLab(12.4374, 68.5504,
-240.3411) contains.

HunterLab(19.9638, 54.1517, -141.8510)	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(19.9638, 54.1517,
-141.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	0000C4
RGB	0, 0, 196
RGB Percent	0%, 0%, 77%
CMY	0.9998, 1.0000, 0.2314
CMYK	1.00, 1.00, 0.00, 0.23
HSL	240°, 100%, 38%
HSV	240°, 100%, 77%
XYZ	9.9638, 3.9855, 52.4688
YIQ	22.3440, -62.9160, 60.9560

Conversions

Conversions Part 2

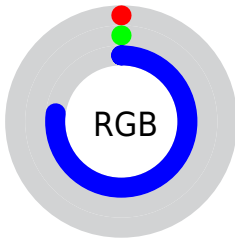
Format	Color
RYB	0, 0, 196
Decimal	196
CIELab	23.62, 64.97, -88.48
CIELCh	24, 109.771, 306.288
Yxy	3.9858, 0.1500, 0.0600
Android (android.graphics.Color)	4278190276 (0xFF0000C4)
YUV	22.3440, 85.6124, -19.5957
Hunter-Lab	19.9638, 54.1517, -141.8510

Details

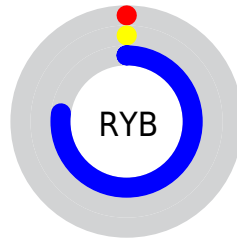
The HunterLab color **19.9638, 54.1517, -141.8510** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **71.5613, -19.2364, 43.7590**, and the grayscale version is **8.8299, -0.4711, 0.4797**.

A 20% lighter version of the original color is **36.8023, 58.4088, -127.3610**, and **13.7603, 37.3247, -97.7725** is the 20% darker color. If you saturate the color by 10%, you get **19.9645, 54.1523, -141.8457**, and if you desaturate by 10%, it is **21.4868, 49.5282, -130.0007**.

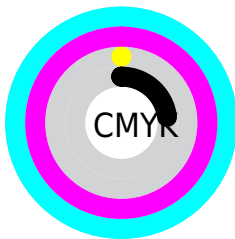
Distribution



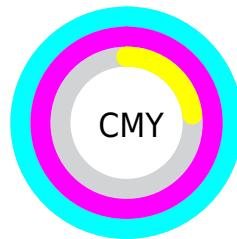
- Red (0%)
- Green (0%)
- Blue (77%)



- Red (0%)
- Yellow (0%)
- Blue (77%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9638, 54.1517, -141.8510 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 19.9638, 54.1517, -141.8510 by changing the saturation by 10% instead.

■ 19.9638, 54.1517,
-141.8510

■ 19.9638, 54.1517,
-141.8510

■ 118.1255, 72.0439,
-124.7336

■ 12.9059, 52.6190,
-160.9177

■ 36.8511, 58.4409,
-127.4627

■ 6.3345, 60.5888,
-228.6959

■ 46.5003, 60.6438,
-124.7974

0.0000, INF, -NF

■ 56.8700, 62.7802,
-123.4727

0.0000, NaN, -NF

■ 67.9130, 64.8272,
-122.9712

0.0000, NaN, -NF

■ 79.5907, 66.7767,
-122.9968

0.0000, NaN, -NF


■ 91.8701, 68.6277,


0.0000, NaN, NaN


-123.3693


0.0000, NaN, NaN


 104.7233, 70.3823,
-123.9737


 19.9638, 54.1517,
-141.8510


 19.9638, 54.1517,
-141.8510


 19.9645, 54.1523,
-141.8457

 21.4868, 49.5282,
-130.0007

 24.2604, 42.4632,
-111.9397

 28.3153, 34.3616,
-91.3052

 33.3603, 26.6611,
-71.7940

 39.1392, 19.8498,
-54.6477

■ 45.4678, 13.9239,
-39.8402

■ 52.2209, 8.7298,
-26.9633

■ 59.3134, 4.1030,
-15.5837

■ 66.6864, -0.0934,
-5.3421

Harmonies

Analogous

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



19.9645, 6.6017, -211.7933



19.9638, 54.1517, -141.8510



19.9645, 100.8158, -43.5167

Triad

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



19.9645, 54.1523, -141.8457



19.9645, 32.5697, 13.9752



19.9645, -34.9379, -6.9851

Complementary

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



19.9638, 54.1517, -141.8510



71.5613, -19.2364, 43.7590

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.



19.9645, -34.6484, 13.9752



19.9638, 54.1517, -141.8510



19.9645, -7.7274, 13.9752

Square

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



19.9645, 54.1523, -141.8457



19.9645, 83.5564, 13.9752



19.9645, -26.8801, 13.9752



19.9645, -32.0244, -81.7303

Rectangle

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



19.9638, 54.1517, -141.8510



19.9645, 114.8385, -3.3686



19.9645, -26.8801, 13.9752



19.9645, -34.9379, 4.7051

Sweetspot

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



19.9645, 54.1523, -141.8457



69.8472, 12.0602, -37.0574



65.9284, -34.9521, -6.9533



30.4897, 6.9233, -20.4691

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



19.9645, 54.1523, -141.8457



26.8707, 72.8855, -190.9176



25.6558, 59.4706, -103.8400



31.2220, -0.1625, -2.1937



16.0034, 43.4079, -113.7004



3.3271, 9.0233, -23.6295

Inverse Universe

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



39.6478, 77.9452, -52.2651



53.3634, 104.9092, -70.3449



64.8666, -45.3350, 39.1768



32.0117, 2.5130, -1.1306



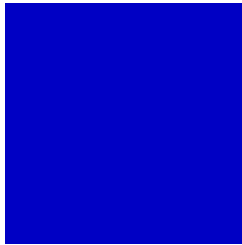
31.7812, 62.4800, -41.8954



6.6062, 12.9876, -8.7097

Previews

White Background



This preview shows how the HunterLab color 19.9638, 54.1517, -141.8510 looks on a white background.

Color Contrast Check

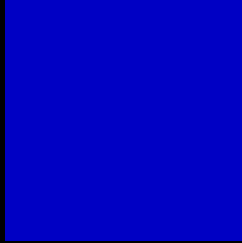
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9638, 54.1517, -141.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

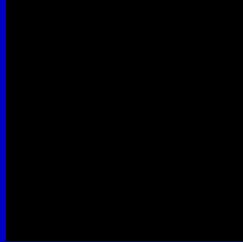
Any Text WCAG AA × Fail

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 19.9638, 54.1517, -141.8510 Background



This preview shows how black text looks on a background with the HunterLab color 19.9638, 54.1517, -141.8510.



This preview shows how white text looks on a background with the HunterLab color 19.9638, 54.1517, -141.8510.

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

19.9638, 54.1517, -141.8510

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.7287, -1.2532, -23.2038



Tritanopia

20.7993, -10.4605, -3.4161

Trichromacy



Original Color

19.9638, 54.1517, -141.8510

Protanomaly

18.4387, 25.5858, -78.2791

Deuteranomaly

17.9683, 19.9095, -65.4377

Tritanomaly

17.0110, 11.3902, -45.8504

Monochromacy



Original Color

19.9638, 54.1517, -141.8510

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

10.3117, 16.1916, -42.7779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9638, 54.1517, -141.8510 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, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 196)  
}
```

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, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9638, 54.1517, -141.8510 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, 0, 196) }
```


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

```
.border{ border-color:rgb(0, 0, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 196); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 196); box-shadow:4px  
4px 4px 4px rgb(0, 0, 196) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9638, 54.1517, -141.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 196) }
```

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

```
.background{ background-color: rgb(0, 0,  
196) }
```

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