

Converting Colors

HunterLab(19.4949, -9.8557,
7.1967)

Have a look what the booklet for
HunterLab(19.4949, -9.8557, 7.1967)
contains.

HunterLab(19.5200, -9.9216, 7.2577)	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(19.5200, -9.9216,
7.2577)**

Conversions

Conversions Part 1

Format	Color
Hex	233D22
RGB	35, 61, 34
RGB Percent	14%, 24%, 13%
CMY	0.8627, 0.7608, 0.8667
CMYK	0.43, 0.00, 0.44, 0.76
HSL	118°, 28%, 19%
HSV	118°, 44%, 24%
XYZ	2.6506, 3.8103, 2.1091
YIQ	50.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

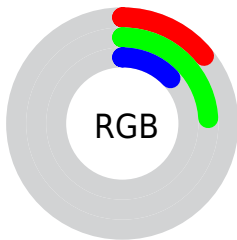
Format	Color
R_{YB}	34, 61, 60
Decimal	2309410
CIE _{Lab}	23.03, -16.63, 13.59
CIE _{LCh}	23, 21.472, 140.742
Yxy	3.8105, 0.3093, 0.4446
Android (android.graphics.Color)	4280499490 (0xFF233D22)
YUV	50.1480, -7.9610, -13.2848
Hunter-Lab	19.5200, -9.9216, 7.2577

Details

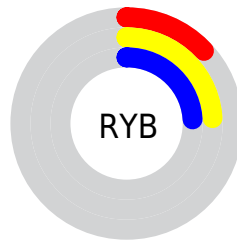
The HunterLab color **19.5200, -9.9216, 7.2577** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.6262, 10.0994, -6.9465**, and the grayscale version is **17.9368, -0.9571, 0.9745**.

A 20% lighter version of the original color is **36.4021, -13.3281, 10.1494**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.1939, -11.3860, 8.2535**, and if you desaturate by 10%, it is **19.9007, -8.2495, 6.1105**.

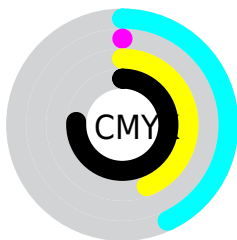
Distribution



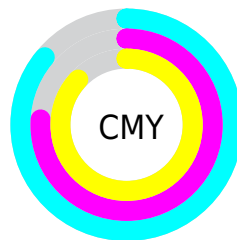
- Red (14%)
- Green (24%)
- Blue (13%)



- Red (13%)
- Yellow (24%)
- Blue (24%)



- Cyan (43%)
- Magenta (0%)
- Yellow (44%)
- Black (76%)



- Cyan (86%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5200, -9.9216, 7.2577 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 19.5200, -9.9216, 7.2577 by changing the saturation by 10% instead.

■ 19.5200, -9.9216,
7.2577

■ 19.5200, -9.9216,
7.2577

■ 117.3202,
-23.5875, 19.4329

■ 12.5224, -8.0609,
5.8243

■ 36.3056, -13.2408,
10.1653

■ 5.7962, -10.1433,
4.0573

■ 45.9107, -14.7922,
11.5347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2393, -16.3027,
12.8749

0.0000, NaN, NaN

■ 67.2437, -17.7855,
14.1973

0.0000, NaN, NaN

■ 78.8849, -19.2497,
15.5095

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.1297, -20.7018,

■ 103.9497,
-22.1465, 18.1238

■ 19.5200, -9.9216,
7.2577

■ 19.5200, -9.9216,
7.2577

■ 19.1939, -11.3860,
8.2535

■ 19.9007, -8.2495,
6.1105

■ 18.9207, -12.6312,
9.0906

■ 20.3344, -6.3828,
4.8209

■ 18.6998, -13.6519,
9.7664

■ 20.8207, -4.3387,
3.4005

■ 18.5292, -14.4484,
10.2825

■ 21.3583, -2.1355,
1.8621

■ 18.3892, -15.1123,
10.7427

■ 21.9455, 0.2082,
0.2187

■ 18.3090, -15.4955,
11.0107

■ 22.5804, 2.6738,
-1.5164

■ 23.2609, 5.2439,
-3.3309

■ 23.9849, 7.9024,
-5.2130

■ 24.7500, 10.6346,
-7.1523

Harmonies

Analogous

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



19.5204, -5.3331, 9.3114



19.5200, -9.9216, 7.2577



19.5204, -12.0466, 2.9051

Triad

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



19.5204, -9.9220, 7.2579



19.5204, -3.0409, -14.9835



19.5204, 12.2861, 4.8697

Complementary

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



19.5200, -9.9216, 7.2577



15.6262, 10.0994, -6.9465

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.



19.5204, 13.1137, -0.9792



19.5200, -9.9216, 7.2577



19.5204, 3.6538, -13.9171

Square

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



19.5204, -9.9220, 7.2579



19.5204, -8.4356, -10.7736



19.5204, 9.7769, -8.2147



19.5204, 7.6463, 8.2846

Rectangle

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



19.5200, -9.9216, 7.2577



19.5204, -12.0030, -1.3218



19.5204, 9.7769, -8.2147



19.5204, 13.0415, 3.1796

Sweetspot

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



19.5204, -9.9220, 7.2579



27.0127, -5.4311, 4.2731



20.7436, -3.5077, 8.3949



14.2759, -3.0334, 2.3726



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



19.5204, -9.9220, 7.2579



24.8179, -14.9390, 10.8195



19.6880, -8.8445, 4.1458



11.3264, -1.6472, 1.3495



28.4435, -24.1867, 17.1033



72.2606, -61.7750, 43.4451

Inverse Universe

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



15.6262, 10.0994, -6.9465



18.6992, 16.7288, -11.6694



15.3517, 8.5730, -1.5490



10.9045, 0.4988, -0.1709



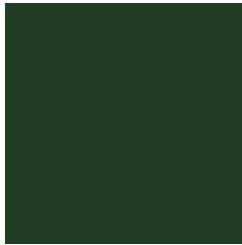
17.4109, 34.4944, -25.0100



44.1678, 87.5608, -63.8780

Previews

White Background



This preview shows how the HunterLab color 19.5200, -9.9216, 7.2577 looks on a white background.

Color Contrast Check

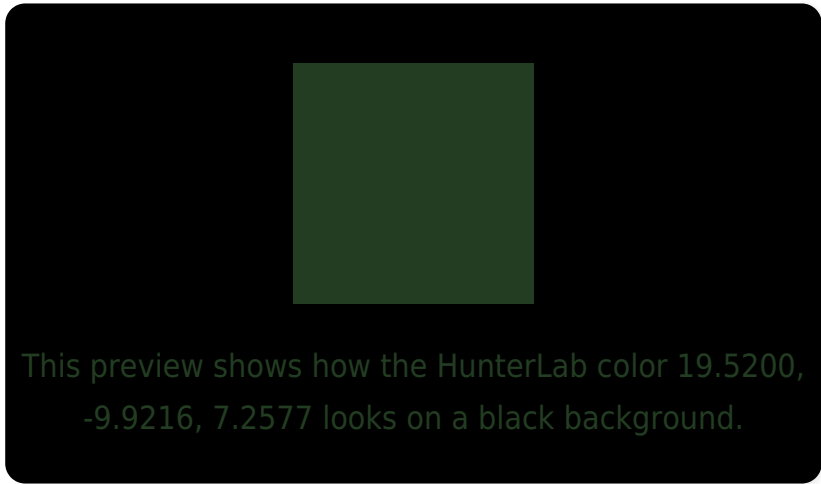
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

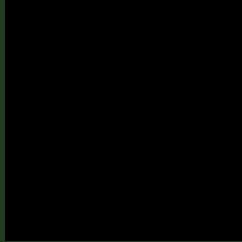
Any Text WCAG AA × Fail

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 19.5200, -9.9216, 7.2577 Background



This preview shows how black text looks on a background with the HunterLab color 19.5200, -9.9216, 7.2577.



This preview shows how white text looks on a background with the HunterLab color 19.5200, -9.9216, 7.2577.

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

19.5200, -9.9216, 7.2577

Protanopia

19.4867, -2.1296, 7.8126

Deuteranopia

19.3432, 1.1531, 6.8235



Tritanopia

19.6095, -4.3049, -1.7716

Trichromacy



Original Color

19.5200, -9.9216, 7.2577

Protanomaly

19.3387, -5.2026, 7.4141

Deuteranomaly

19.1467, -3.2533, 6.8172

Tritanomaly

19.5120, -6.5140, 2.0372

Monochromacy



Original Color

19.5200, -9.9216, 7.2577

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.3795, -4.4272, 3.5610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5200, -9.9216, 7.2577 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(35, 61, 34)` looks like.

```
.text, #text, p{  
    color:rgb(35, 61, 34)  
}
```

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(35, 61, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 61, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5200, -9.9216, 7.2577 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(35, 61, 34) }
```


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

```
.border{ border-color:rgb(35, 61, 34) }
```

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

Here you see how a box with a 4 pixel rgb(35, 61, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 61, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 61, 34);  
box-shadow:4px 4px 4px 4px rgb(35, 61, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5200, -9.9216, 7.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 61, 34) }
```

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

```
.background{ background-color: rgb(35, 61,  
34) }
```

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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