

Converting Colors

HunterLab(21.4043, -15.0246,
8.9684)

Have a look what the booklet for
HunterLab(21.4043, -15.0246,
8.9684) contains.

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Color

**HunterLab(21.4912,
-15.0668, 9.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	124621
RGB	18, 70, 33
RGB Percent	7%, 27%, 13%
CMY	0.9294, 0.7255, 0.8706
CMYK	0.74, 0.00, 0.53, 0.73
HSL	137°, 59%, 17%
HSV	137°, 74%, 27%
XYZ	2.7141, 4.6187, 2.1873
YIQ	50.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

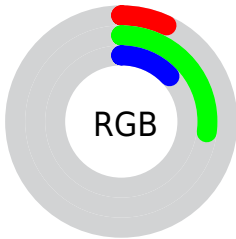
Format	Color
R_YB	18, 58, 70
Decimal	1197601
CIE _{Lab}	25.62, -26.57, 17.39
CIE _{LCh}	26, 31.753, 146.794
Yxy	4.6189, 0.2851, 0.4852
Android (android.graphics.Color)	4279387681 (0xFF124621)
YUV	50.2340, -8.4964, -28.2692
Hunter-Lab	21.4912, -15.0668, 9.0095

Details

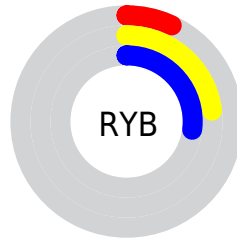
The HunterLab color $[21.4912, -15.0668, 9.0095]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[14.1797, 18.3869, -6.0544]$, and the grayscale version is $[17.9704, -0.9589, 0.9764]$.

A 20% lighter version of the original color is $[38.6945, -19.9432, 12.4501]$, and $[9.1132, -7.8146, 5.4787]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.2969, -15.9964, 9.7810]$, and if you desaturate by 10%, it is $[21.7417, -13.9044, 8.1572]$.

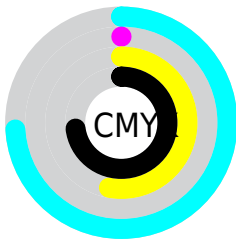
Distribution



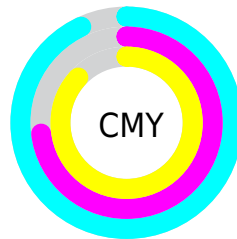
- Red (7%)
- Green (27%)
- Blue (13%)



- Red (7%)
- Yellow (23%)
- Blue (27%)



- Cyan (74%)
- Magenta (0%)
- Yellow (53%)
- Black (73%)



- Cyan (93%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4912, -15.0668, 9.0095 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 21.4912, -15.0668, 9.0095 by changing the saturation by 10% instead.

■ 21.4912, -15.0668,
9.0095

■ 21.4912, -15.0668,
9.0095

120.8640,
-33.9360, 23.1769

■ 14.2318, -12.3067,
7.1832

■ 38.7167, -19.8735,
12.4814

■ 7.8879, -13.8039,
5.5215

■ 48.5139, -22.0657,
14.0965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0214, -24.1684,
15.6643

0.0000, NaN, NaN

■ 70.1940, -26.2040,
17.1994

0.0000, NaN, NaN

■ 81.9942, -28.1884,
18.7117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3903, -30.1331,

■ 107.3549,
-32.0467, 21.6957

■ 21.4912, -15.0668,
9.0095

■ 21.4912, -15.0668,
9.0095

■ 21.2969, -15.9964,
9.7810

■ 21.7417, -13.9044,
8.1572

■ 21.1384, -16.7649,
10.4524

■ 22.0493, -12.5083,
7.2317

■ 21.0516, -17.1835,
10.7816

■ 22.4160, -10.8849,
6.2420

■ 22.8423, -9.0453,
5.1981

■ 23.3280, -7.0044,
4.1101

■ 23.8722, -4.7796,
2.9880

■ 24.4736, -2.3901,
1.8413

■ 25.1305, 0.1448,
0.6788

■ 25.8409, 2.8058,
-0.4917

Harmonies

Analogous

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



21.4916, -9.1979, 11.9716



21.4912, -15.0668, 9.0095



21.4916, -17.2641, 2.1747

Triad

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



21.4916, -15.0671, 9.0096



21.4916, -2.2201, -26.5404



21.4916, 19.0093, 7.9264

Complementary

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



21.4912, -15.0668, 9.0095



14.1797, 18.3869, -6.0544

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.



21.4916, 21.8008, 0.1141



21.4912, -15.0668, 9.0095



21.4916, 8.2948, -22.6196

Square

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



21.4916, -15.0671, 9.0096



21.4916, -10.7567, -20.6504



21.4916, 17.5696, -11.5587



21.4916, 10.5165, 11.5789

Rectangle

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



21.4912, -15.0668, 9.0095



21.4916, -16.7202, -4.8610



21.4916, 17.5696, -11.5587



21.4916, 20.7062, 5.8400

Sweetspot

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



21.4916, -15.0671, 9.0096



30.8612, -8.8478, 5.2193



22.8997, -9.7549, 12.4582



15.5623, -4.6146, 2.7115



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.4916, -15.0671, 9.0096



27.9257, -21.8946, 13.6646



21.9593, -12.2361, 2.2425



12.8978, -1.8353, 1.2471



30.1602, -24.8305, 15.9044



74.3626, -61.9076, 40.6939

Inverse Universe

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



14.1797, 18.3869, -6.0544



17.0424, 28.3454, -8.1577



13.5086, 15.5693, 3.4182



12.3658, 0.5268, 0.1274



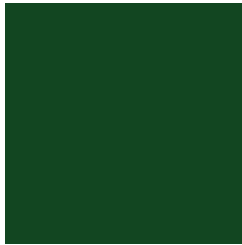
17.6917, 32.8517, -8.3674



43.4891, 80.4325, -18.0682

Previews

White Background



This preview shows how the HunterLab color 21.4912, -15.0668, 9.0095 looks on a white background.

Color Contrast Check

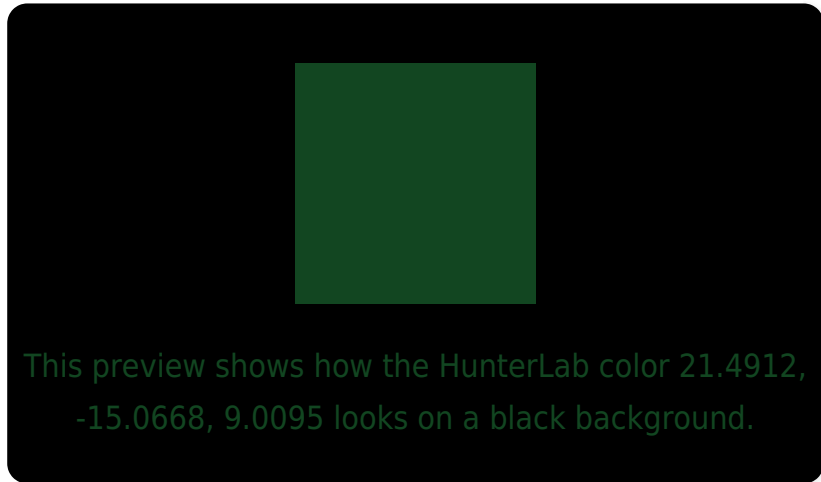
Large Text (above 18pt) WCAG AA ✓ Pass

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

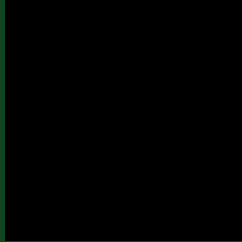
Any Text WCAG AA × Fail

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 21.4912, -15.0668, 9.0095 Background



This preview shows how black text looks on a background with the HunterLab color 21.4912, -15.0668, 9.0095.



This preview shows how white text looks on a background with the HunterLab color 21.4912,

-15.0668, 9.0095.

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

21.4912, -15.0668, 9.0095

Protanopia

21.5047, -2.6231, 9.8187

Deuteranopia

21.4694, 1.1355, 8.6399



Tritanopia

21.5834, -7.3265, -3.2043

Trichromacy



Original Color

21.4912, -15.0668, 9.0095

Protanomaly

21.0207, -8.3618, 9.1501

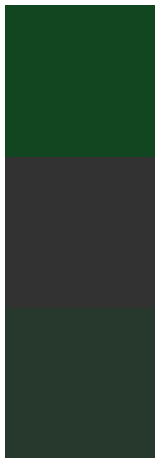
Deuteranomaly

20.8587, -6.1464, 8.2256

Tritanomaly

21.3137, -10.5188, 2.1813

Monochromacy



Original Color

21.4912, -15.0668, 9.0095

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7621, -6.9838, 3.9088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4912, -15.0668, 9.0095 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(18, 70, 33)` looks like.

```
.text, #text, p{  
    color:rgb(18, 70, 33)  
}
```

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(18, 70, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 70, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4912, -15.0668, 9.0095 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(18, 70, 33) }
```


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

```
.border{ border-color:rgb(18, 70, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 70, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 70, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 70, 33);  
box-shadow:4px 4px 4px 4px rgb(18, 70, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4912, -15.0668, 9.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 70, 33) }
```

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

```
.background{ background-color: rgb(18, 70,  
33) }
```

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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