

Converting Colors

HunterLab(20.0535, -14.0610,
8.9676)

Have a look what the booklet for
HunterLab(20.0535, -14.0610,
8.9676) contains.

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Color

**HunterLab(19.9708,
-14.0555, 8.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	12411B
RGB	18, 65, 27
RGB Percent	7%, 25%, 11%
CMY	0.9294, 0.7451, 0.8941
CMYK	0.72, 0.00, 0.58, 0.75
HSL	131°, 57%, 16%
HSV	131°, 72%, 25%
XYZ	2.3376, 3.9883, 1.6835
YIQ	46.6150, -15.8140, -21.7820

Conversions

Conversions Part 2

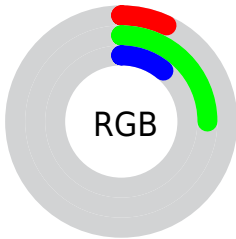
Format	Color
R_{YB}	18, 57, 65
Decimal	1196315
CIE Lab	23.63, -25.43, 18.51
CIE LCh	24, 31.449, 143.950
Yxy	3.9885, 0.2919, 0.4980
Android (android.graphics.Color)	4279386395 (0xFF12411B)
YUV	46.6150, -9.6702, -25.0954
Hunter-Lab	19.9708, -14.0555, 8.9814

Details

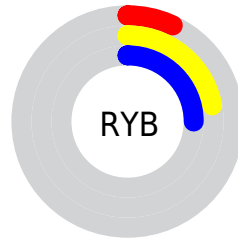
The HunterLab color **19.9708, -14.0555, 8.9814** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.5721, 17.1542, -7.6811**, and the grayscale version is **16.7676, -0.8947, 0.9110**.

A 20% lighter version of the original color is **36.6858, -18.6714, 12.6445**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **19.7796, -14.9637, 9.6891**, and if you desaturate by 10%, it is **20.2159, -12.9214, 8.1692**.

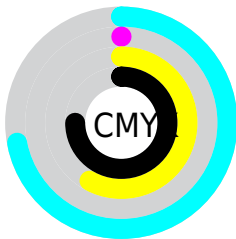
Distribution



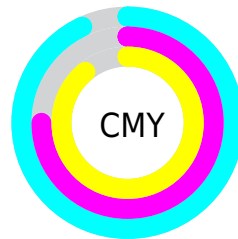
- Red (7%)
- Green (25%)
- Blue (11%)



- Red (7%)
- Yellow (22%)
- Blue (25%)



- Cyan (72%)
- Magenta (0%)
- Yellow (58%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9708, -14.0555, 8.9814 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 19.9708, -14.0555, 8.9814 by changing the saturation by 10% instead.

■ 19.9708, -14.0555,
8.9814

■ 19.9708, -14.0555,
8.9814

■ 118.1376,
-32.4453, 23.8503

■ 12.9117, -11.3445,
7.4334

■ 36.8593, -18.7514,
12.6817

■ 6.3422, -11.0989,
4.4395

■ 46.5092, -20.8869,
14.3863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8795, -22.9339,
16.0332

0.0000, NaN, NaN

■ 67.9231, -24.9153,
17.6394

0.0000, NaN, NaN

■ 79.6013, -26.8470,
19.2168

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8813, -28.7405,

20.7738

0.0000, NaN, NaN

■ 104.7349,
-30.6044, 22.3167

■ 19.9708, -14.0555,
8.9814

■ 19.9708, -14.0555,
8.9814

■ 19.7796, -14.9637,
9.6891

■ 20.2159, -12.9214,
8.1692

■ 19.6263, -15.6996,
10.2791

■ 20.5156, -11.5621,
7.2583

■ 19.5152, -16.2283,
10.6401

■ 20.8713, -9.9849,
6.2569

■ 21.2834, -8.2017,
5.1746

■ 21.7515, -6.2277,
4.0217

■ 22.2746, -4.0803,
2.8088

■ 22.8514, -1.7781,
1.5465

■ 23.4800, 0.6597,
0.2448

■ 24.1585, 3.2149,
-1.0871

Harmonies

Analogous

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



19.9712, -8.1094, 11.4878



19.9708, -14.0555, 8.9814



19.9712, -16.4763, 2.8736

Triad

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



19.9712, -14.0558, 8.9815



19.9712, -3.0008, -25.9516



19.9712, 19.0730, 7.0472

Complementary

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



19.9708, -14.0555, 8.9814



13.5721, 17.1542, -7.6811

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.



19.9712, 21.1559, -0.8814



19.9708, -14.0555, 8.9814



19.9712, 7.1114, -22.9824

Square

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



19.9712, -14.0558, 8.9815



19.9712, -10.9288, -19.3242



19.9712, 16.4260, -12.4816



19.9712, 11.1814, 10.7881

Rectangle

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



19.9708, -14.0555, 8.9814



19.9712, -16.1759, -3.6981



19.9712, 16.4260, -12.4816



19.9712, 20.5316, 4.9200

Sweetspot

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



19.9712, -14.0558, 8.9815



28.1808, -8.2448, 5.3125



21.6248, -7.6980, 11.6213



14.7598, -4.4609, 2.8652



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.9712, -14.0558, 8.9815



25.5043, -20.1771, 13.2296



20.3486, -11.7667, 3.5014



12.1068, -1.7395, 1.2593



29.2856, -24.5575, 16.4082



73.2808, -61.9895, 42.2229

Inverse Universe

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



13.5721, 17.1542, -7.6811



16.0423, 26.4273, -11.1466



12.9060, 14.3327, 1.6326



11.6324, 0.5107, 0.0233



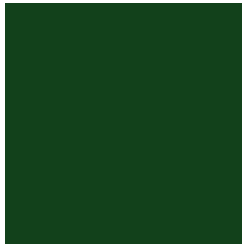
17.5809, 33.2645, -13.1096



43.8919, 82.8068, -30.8665

Previews

White Background



This preview shows how the HunterLab color 19.9708, -14.0555, 8.9814 looks on a white background.

Color Contrast Check

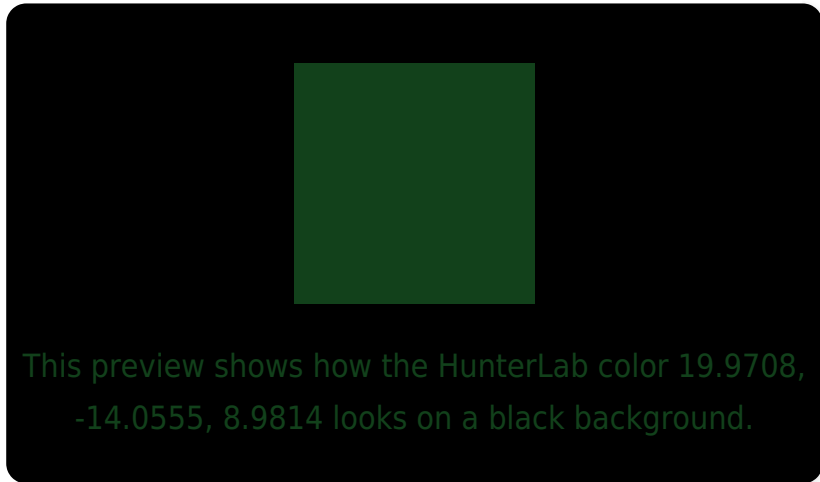
Large Text (above 18pt) WCAG AA ✓ Pass

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

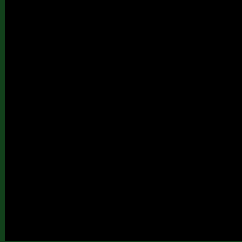
Any Text WCAG AA × Fail

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 19.9708, -14.0555, 8.9814 Background



This preview shows how black text looks on a background with the HunterLab color 19.9708, -14.0555, 8.9814.



This preview shows how white text looks on a background with the HunterLab color 19.9708,

-14.0555, 8.9814.

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

19.9708, -14.0555, 8.9814

Protanopia

19.8773, -2.1969, 9.6322

Deuteranopia

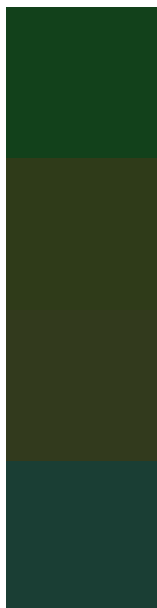
19.9932, 0.7933, 8.6911



Tritanopia

20.0553, -6.4625, -2.9928

Trichromacy



Original Color

19.9708, -14.0555, 8.9814

Protanomaly

19.4999, -7.4712, 9.0886

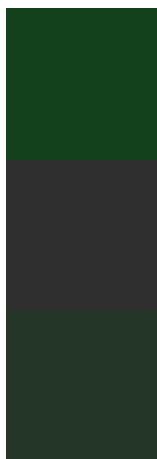
Deuteranomaly

19.4754, -6.1256, 8.3547

Tritanomaly

19.7808, -9.6340, 2.2823

Monochromacy



Original Color

19.9708, -14.0555, 8.9814

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.7950, -6.7688, 4.1580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9708, -14.0555, 8.9814 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, 65, 27)` looks like.

```
.text, #text, p{  
    color:rgb(18, 65, 27)  
}
```

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, 65, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 65, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9708, -14.0555, 8.9814 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, 65, 27) }
```


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

```
.border{ border-color:rgb(18, 65, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 65, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 65, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 65, 27);  
box-shadow:4px 4px 4px 4px rgb(18, 65, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9708, -14.0555, 8.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 65, 27) }
```

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

```
.background{ background-color: rgb(18, 65,  
27) }
```

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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