

Converting Colors

HunterLab(19.1843, -14.5515,
9.8403)

Have a look what the booklet for
HunterLab(19.1843, -14.5515,
9.8403) contains.

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Color

**HunterLab(19.1944,
-14.5013, 9.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3F12
RGB	13, 63, 18
RGB Percent	5%, 25%, 7%
CMY	0.9490, 0.7529, 0.9294
CMYK	0.79, 0.00, 0.71, 0.75
HSL	126°, 66%, 15%
HSV	126°, 79%, 25%
XYZ	2.0527, 3.6842, 1.1752
YIQ	42.9200, -15.3550, -24.5950

Conversions

Conversions Part 2

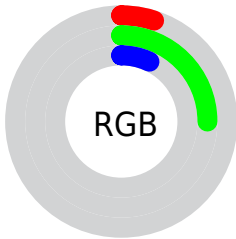
Format	Color
RYB	13, 58, 63
Decimal	868114
CIELab	22.60, -27.13, 22.35
CIELCh	23, 35.154, 140.523
Yxy	3.6844, 0.2970, 0.5330
Android (android.graphics.Color)	4279058194 (0xFF0D3F12)
YUV	42.9200, -12.2856, -26.2398
Hunter-Lab	19.1944, -14.5013, 9.8059

Details

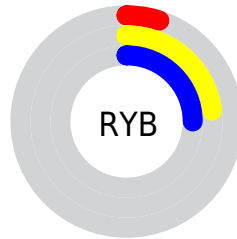
The HunterLab color **19.1944, -14.5013, 9.8059** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.8457, 18.6179, -10.2341**, and the grayscale version is **15.5594, -0.8302, 0.8454**.

A 20% lighter version of the original color is **35.7864, -19.3894, 14.1613**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.0414, -15.2315, 10.3501**, and if you desaturate by 10%, it is **19.3939, -13.5664, 9.1255**.

Distribution



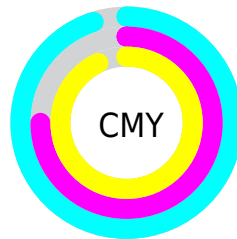
- Red (5%)
- Green (25%)
- Blue (7%)



- Red (5%)
- Yellow (23%)
- Blue (25%)



- Cyan (79%)
- Magenta (0%)
- Yellow (71%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1944, -14.5013, 9.8059 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 19.1944, -14.5013, 9.8059 by changing the saturation by 10% instead.

■ 19.1944, -14.5013,
9.8059

■ 19.1944, -14.5013,
9.8059

■ 116.7270,
-33.9176, 26.9217

■ 12.2419, -11.7512,
8.5693

■ 35.9048, -19.5166,
14.1851

■ 5.3644, -9.3877,
3.7551

■ 45.4772, -21.7809,
16.1720

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.7753, -23.9438,
18.0746

0.0000, NaN, NaN

■ 66.7512, -26.0310,
19.9157

0.0000, NaN, NaN

■ 78.3654, -28.0605,
21.7109


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.5845, -30.0454,


23.4716


0.0000, NaN, NaN


 103.3800,
-31.9953, 25.2064


 19.1944, -14.5013,
9.8059


 19.1944, -14.5013,
9.8059


 19.0414, -15.2315,
10.3501


 19.3939, -13.5664,
9.1255


 18.9006, -15.8965,
10.7681

 19.6468, -12.4000,
8.3141

 18.8917, -15.9387,
10.7940

 19.9551, -11.0051,
7.3765

 20.3198, -9.3903,
6.3202

 20.7408, -7.5689,
5.1549

■ 21.2177, -5.5571,
3.8917

■ 21.7493, -3.3735,
2.5425

■ 22.3340, -1.0374,
1.1192

■ 22.9700, 1.4315,
-0.3665

Harmonies

Analogous

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



19.1948, -7.7394, 12.1318



19.1944, -14.5013, 9.8059



19.1948, -17.4376, 4.0051

Triad

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



19.1948, -14.5016, 9.8060



19.1948, -4.3073, -30.1686



19.1948, 22.3855, 6.7330

Complementary

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



19.1944, -14.5013, 9.8059



12.8457, 18.6179, -10.2341

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.



19.1948, 23.8742, -2.4778



19.1944, -14.5013, 9.8059



19.1948, 6.7611, -27.9442

Square

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



19.1948, -14.5016, 9.8060



19.1948, -12.4652, -21.1327



19.1948, 17.6485, -16.1019



19.1948, 13.9409, 10.8818

Rectangle

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



19.1944, -14.5013, 9.8059



19.1948, -17.3966, -2.8985



19.1948, 17.6485, -16.1019



19.1948, 23.7787, 4.2963

Sweetspot

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



19.1948, -14.5016, 9.8060



27.1458, -8.7123, 5.9886



21.1750, -6.7494, 11.8636



13.8829, -4.6471, 3.1840



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.



19.1948, -14.5016, 9.8060



24.5498, -20.3956, 13.9431



19.5324, -12.4352, 4.8803



11.3259, -1.6364, 1.2496



28.4403, -24.1279, 16.5373



72.2645, -61.6769, 42.8185

Inverse Universe

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



12.8457, 18.6179, -10.2341



15.3520, 28.0149, -14.9645



12.0601, 15.4298, 0.6277



10.9052, 0.4866, -0.0573



17.4720, 33.6670, -17.7461



44.3396, 85.3014, -43.9719

Previews

White Background



This preview shows how the HunterLab color 19.1944, -14.5013, 9.8059 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

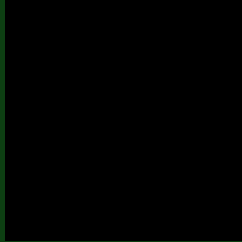
Any Text WCAG AA × Fail

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 19.1944, -14.5013, 9.8059 Background



This preview shows how black text looks on a background with the HunterLab color 19.1944, -14.5013, 9.8059.



This preview shows how white text looks on a background with the HunterLab color 19.1944,

-14.5013, 9.8059.

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

19.1944, -14.5013, 9.8059

Protanopia

19.1516, -2.4118, 10.2413

Deuteranopia

19.2541, 0.4917, 9.5355



Tritanopia

19.3519, -6.4869, -3.0498

Trichromacy



Original Color

19.1944, -14.5013, 9.8059

Protanomaly

18.7142, -7.9217, 9.7128

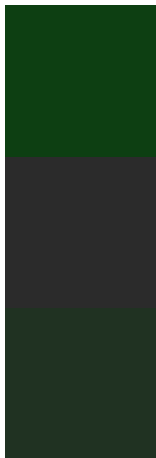
Deuteranomaly

18.6730, -6.6593, 9.1370

Tritanomaly

19.0240, -10.0008, 3.1659

Monochromacy



Original Color

19.1944, -14.5013, 9.8059

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.4432, -6.7930, 4.5564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1944, -14.5013, 9.8059 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(13, 63, 18)` looks like.

```
.text, #text, p{  
    color:rgb(13, 63, 18)  
}
```

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(13, 63, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 63, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1944, -14.5013, 9.8059 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(13, 63, 18) }
```


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

```
.border{ border-color:rgb(13, 63, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 63, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 63, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 63, 18);  
box-shadow:4px 4px 4px 4px rgb(13, 63, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1944, -14.5013, 9.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 63, 18) }
```

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

```
.background{ background-color: rgb(13, 63,  
18) }
```

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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