

Converting Colors

HunterLab(19.5697, -13.9704,
7.9047)

Have a look what the booklet for
HunterLab(19.5697, -13.9704,
7.9047) contains.

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Color

**HunterLab(19.6058,
-13.9860, 7.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	0C401F
RGB	12, 64, 31
RGB Percent	5%, 25%, 12%
CMY	0.9529, 0.7490, 0.8784
CMYK	0.81, 0.00, 0.52, 0.75
HSL	142°, 68%, 15%
HSV	142°, 81%, 25%
XYZ	2.2323, 3.8439, 1.9206
YIQ	44.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

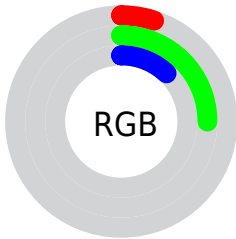
Format	Color
R_{YB}	12, 50, 64
Decimal	802847
CIE _{Lab}	23.15, -25.55, 15.44
CIE _{LCh}	23, 29.854, 148.867
Yxy	3.8440, 0.2792, 0.4807
Android (android.graphics.Color)	4278992927 (0xFF0C401F)
YUV	44.6900, -6.7492, -28.6691
Hunter-Lab	19.6058, -13.9860, 7.9160

Details

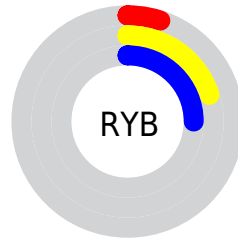
The HunterLab color **19.6058, -13.9860, 7.9160** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.4196, 17.3529, -3.8959**, and the grayscale version is **16.1238, -0.8603, 0.8760**.

A 20% lighter version of the original color is **36.2862, -18.4970, 10.8635**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.4472, -14.7508, 8.5750**, and if you desaturate by 10%, it is **19.8019, -13.0660, 7.1975**.

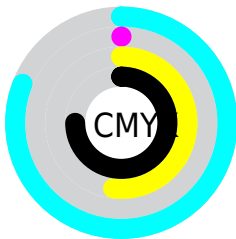
Distribution



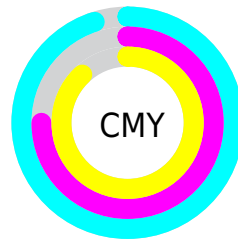
- Red (5%)
- Green (25%)
- Blue (12%)



- Red (5%)
- Yellow (20%)
- Blue (25%)



- Cyan (81%)
- Magenta (0%)
- Yellow (52%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6058, -13.9860, 7.9160 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 19.6058, -13.9860, 7.9160 by changing the saturation by 10% instead.

■ 19.6058, -13.9860,
7.9160

■ 19.6058, -13.9860,
7.9160

■ 117.4761,
-32.4817, 21.0978

■ 12.5964, -11.2776,
6.4366

■ 36.4111, -18.7205,
11.1212

■ 5.9043, -10.3326,
4.1330

■ 46.0248, -20.8698,
12.6159

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.3613, -22.9285,
14.0705

0.0000, NaN, NaN

■ 67.3732, -24.9201,
15.4987

0.0000, NaN, NaN

■ 79.0215, -26.8608,
16.9098


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.2730, -28.7625,


18.3103


0.0000, NaN, NaN


 104.0994,
-30.6338, 19.7051


 19.6058, -13.9860,
7.9160


 19.6058, -13.9860,
7.9160


 19.4472, -14.7508,
8.5750


 19.8019, -13.0660,
7.1975

 19.3141, -15.3897,
9.0810

 20.0459, -11.9486,
6.4339

 20.3400, -10.6359,
5.6329

 20.6850, -9.1345,
4.8024

 21.0812, -7.4548,
3.9504

■ 21.5284, -5.6096,
3.0844

■ 22.0255, -3.6138,
2.2118

■ 22.5716, -1.4829,
1.3390

■ 23.1651, 0.7668,
0.4717

Harmonies

Analogous

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



19.6062, -8.8633, 10.8136



19.6058, -13.9860, 7.9160



19.6062, -15.7604, 1.3964

Triad

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



19.6062, -13.9862, 7.9161



19.6062, -1.3950, -24.2439



19.6062, 16.9331, 7.5672

Complementary

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



19.6058, -13.9860, 7.9160



12.4196, 17.3529, -3.8959

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.



19.6062, 19.9106, 0.7323



19.6058, -13.9860, 7.9160



19.6062, 8.2250, -20.0729

Square

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



19.6062, -13.9862, 7.9161



19.6062, -9.3657, -19.4378



19.6062, 16.4689, -9.7530



19.6062, 8.9412, 10.6872

Rectangle

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



19.6058, -13.9860, 7.9160



19.6062, -15.1127, -5.1775



19.6062, 16.4689, -9.7530



19.6062, 18.6120, 5.7584

Sweetspot

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



19.6062, -13.9862, 7.9161



28.1276, -8.3457, 4.5019



20.6633, -10.0931, 11.5578



14.7131, -4.5897, 2.4608



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.



19.6062, -13.9862, 7.9161



25.4685, -20.1864, 12.1009



20.0813, -11.1083, 1.0568



12.1193, -1.6702, 1.0811



29.4188, -23.7247, 14.4439



73.5769, -60.1371, 37.8539

Inverse Universe

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



12.4196, 17.3529, -3.8959



14.8861, 26.3566, -4.4267



11.8440, 14.9975, 4.2940



11.6189, 0.4377, 0.2163



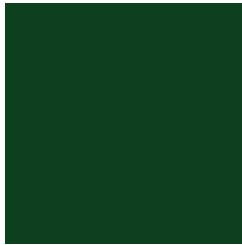
16.9652, 31.0709, -4.6768



42.2807, 77.0552, -8.7108

Previews

White Background



This preview shows how the HunterLab color 19.6058, -13.9860, 7.9160 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

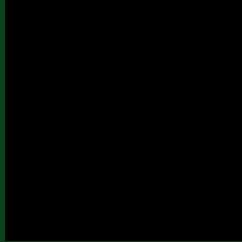
Any Text WCAG AA × Fail

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 19.6058, -13.9860, 7.9160 Background



This preview shows how black text looks on a background with the HunterLab color 19.6058, -13.9860, 7.9160.



This preview shows how white text looks on a background with the HunterLab color 19.6058,

-13.9860, 7.9160.

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

19.6058, -13.9860, 7.9160

Protanopia

19.5149, -2.1348, 8.6498

Deuteranopia

19.6341, 0.8834, 7.5439



Tritanopia

19.6122, -6.8168, -3.1531

Trichromacy



Original Color

19.6058, -13.9860, 7.9160

Protanomaly

19.0484, -7.7420, 7.9839

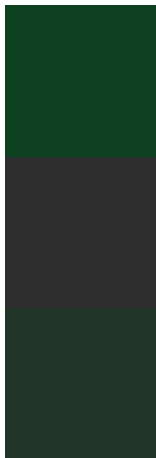
Deuteranomaly

19.0798, -6.1660, 7.1778

Tritanomaly

19.4039, -9.6504, 1.4960

Monochromacy



Original Color

19.6058, -13.9860, 7.9160

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.1246, -6.6380, 3.4854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6058, -13.9860, 7.9160 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(12, 64, 31)` looks like.

```
.text, #text, p{  
    color:rgb(12, 64, 31)  
}
```

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(12, 64, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 64, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6058, -13.9860, 7.9160 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(12, 64, 31) }
```


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

```
.border{ border-color:rgb(12, 64, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 64, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 64, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 64, 31);  
box-shadow:4px 4px 4px 4px rgb(12, 64, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6058, -13.9860, 7.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 64, 31) }
```

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

```
.background{ background-color: rgb(12, 64,  
31) }
```

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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