

Converting Colors

HunterLab(19.9059, -8.8793,
-1.9423)

Have a look what the booklet for
HunterLab(19.9059, -8.8793,
-1.9423) contains.

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Color

**HunterLab(19.8559, -8.7820,
-1.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	133E3F
RGB	19, 62, 63
RGB Percent	7%, 24%, 25%
CMY	0.9255, 0.7569, 0.7529
CMYK	0.70, 0.02, 0.00, 0.75
HSL	181°, 54%, 16%
HSV	181°, 70%, 25%
XYZ	2.8884, 3.9426, 5.3114
YIQ	49.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

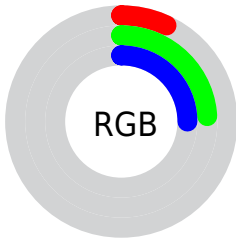
Format	Color
RYB	19, 41, 63
Decimal	1261119
CIELab	23.48, -14.15, -5.01
CIELCh	23, 15.005, 199.490
Yxy	3.9427, 0.2379, 0.3247
Android (android.graphics.Color)	4279451199 (0xFF133E3F)
YUV	49.2570, 6.7753, -26.5354
Hunter-Lab	19.8559, -8.7820, -1.9607

Details

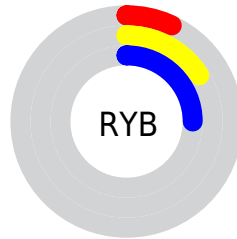
The HunterLab color **19.8559, -8.7820, -1.9607** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.6655, 11.9084, 5.1284**, and the grayscale version is **17.5958, -0.9389, 0.9560**.

A 20% lighter version of the original color is **36.7811, -11.8131, -1.7847**, and **7.6842, -4.0738, -0.8104** is the 20% darker color. If you saturate the color by 10%, you get **19.6775, -9.2741, -2.2068**, and if you desaturate by 10%, it is **20.0758, -8.1379, -1.6604**.

Distribution



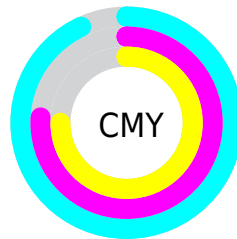
- Red (7%)
- Green (24%)
- Blue (25%)



- Red (7%)
- Yellow (16%)
- Blue (25%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8559, -8.7820, -1.9607 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 19.8559, -8.7820, -1.9607 by changing the saturation by 10% instead.

■ 19.8559, -8.7820,
-1.9607

■ 19.8559, -8.7820,
-1.9607

■ 117.9296,
-21.1293, 1.1818

■ 12.8124, -7.1653,
-1.9951

■ 36.7183, -11.7137,
-1.6449

■ 6.2079, -10.2604,
-3.0048

■ 46.3568, -13.1019,
-1.3875

0.0000, NaN, NaN

■ 56.7165, -14.4629,
-1.0739

0.0000, NaN, NaN

■ 67.7502, -15.8070,
-0.7095

0.0000, NaN, NaN

■ 79.4190, -17.1413,
-0.2986

0.0000, NaN, NaN

■ 91.6900, -18.4708,

0.0000, NaN, NaN

0.1554

0.0000, NaN, NaN

■ 104.5351,
-19.7992, 0.6497

■ 19.8559, -8.7820,
-1.9607

■ 19.8559, -8.7820,
-1.9607

■ 19.6775, -9.2741,
-2.2068

■ 20.0758, -8.1379,
-1.6604

■ 19.5308, -9.6440,
-2.4101

■ 20.3377, -7.3394,
-1.3062

■ 19.3866, -10.0065,
-2.6115

■ 20.6430, -6.3877,
-0.8986

■ 19.3843, -10.0124,
-2.6147

■ 20.9924, -5.2871,
-0.4392

■ 21.3858, -4.0439,
0.0693

■ 21.8230, -2.6665,
0.6240

■ 22.3032, -1.1644,
1.2213

■ 22.8255, 0.4520,
1.8575

■ 23.3887, 2.1720,
2.5288

Harmonies

Analogous

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



19.8563, -9.0844, 2.5658



19.8559, -8.7820, -1.9607



19.8563, -6.5238, -6.5044

Triad

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



19.8563, -8.7821, -1.9604



19.8563, 6.1787, -5.2517



19.8563, 0.5912, 7.7395

Complementary

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



19.8559, -8.7820, -1.9607



12.6655, 11.9084, 5.1284

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.



19.8563, 5.0658, 6.5059



19.8559, -8.7820, -1.9607



19.8563, 8.4825, -0.5285

Square

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



19.8563, -8.7821, -1.9604



19.8563, 2.0008, -8.6858



19.8563, 8.0575, 3.7061



19.8563, -3.9470, 7.5264

Rectangle

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



19.8559, -8.7820, -1.9607



19.8563, -4.0873, -8.6106



19.8563, 8.0575, 3.7061



19.8563, 2.1591, 7.4939

Sweetspot

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



19.8563, -8.7821, -1.9604



27.6134, -5.5908, -0.0517



19.3471, -13.8361, 9.6888



14.1422, -2.9390, -0.0555



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.



19.8563, -8.7821, -1.9604



25.3629, -12.3879, -3.0631



14.2585, -0.7452, -10.7818



11.3706, -1.2755, 0.3679



29.1628, -15.0369, -3.9907



74.0232, -38.0785, -10.3220

Inverse Universe

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



13.6762, 17.2106, -11.0297



16.2637, 26.8457, -17.2065



16.5558, 3.2221, 8.0514



10.9108, 0.5168, -0.1370



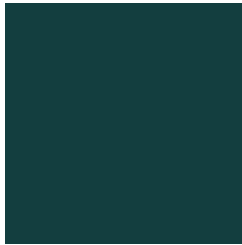
17.8173, 34.8697, -22.2620



45.2834, 88.5903, -56.3276

Previews

White Background



This preview shows how the HunterLab color 19.8559, -8.7820, -1.9607 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

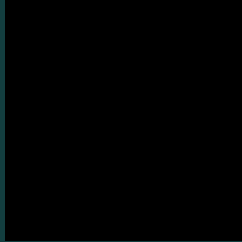
Any Text WCAG AA × Fail

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 19.8559, -8.7820, -1.9607 Background



This preview shows how black text looks on a background with the HunterLab color 19.8559, -8.7820, -1.9607.



This preview shows how white text looks on a background with the HunterLab color 19.8559, -8.7820, -1.9607.

-1.9607.

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

19.8559, -8.7820, -1.9607

Protanopia

19.9621, -0.6461, -0.0001

Deuteranopia

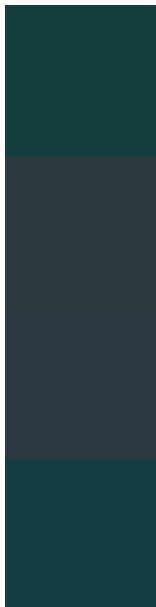
19.9597, 0.9112, -2.5405



Tritanopia

19.7238, -7.7161, -3.4752

Trichromacy



Original Color

19.8559, -8.7820, -1.9607

Protanomaly

19.6620, -4.2234, -0.8493

Deuteranomaly

19.7734, -3.5971, -2.4228

Tritanomaly

19.6669, -7.9930, -3.0979

Monochromacy



Original Color

19.8559, -8.7820, -1.9607

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.2119, -4.5807, -0.2201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8559, -8.7820, -1.9607 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(19, 62, 63)` looks like.

```
.text, #text, p{  
    color:rgb(19, 62, 63)  
}
```

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(19, 62, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 62, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8559, -8.7820, -1.9607 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(19, 62, 63) }
```


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

```
.border{ border-color:rgb(19, 62, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 62, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 62, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 62, 63);  
box-shadow:4px 4px 4px 4px rgb(19, 62, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8559, -8.7820, -1.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 62, 63) }
```

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

```
.background{ background-color: rgb(19, 62,  
63) }
```

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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