

Converting Colors

HunterLab(19.6115, -9.0153,
3.0372)

Have a look what the booklet for
HunterLab(19.6115, -9.0153, 3.0372)
contains.

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Color

**HunterLab(19.6228, -8.9769,
3.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3D31
RGB	31, 61, 49
RGB Percent	12%, 24%, 19%
CMY	0.8784, 0.7608, 0.8078
CMYK	0.49, 0.00, 0.20, 0.76
HSL	156°, 33%, 18%
HSV	156°, 49%, 24%
XYZ	2.7882, 3.8505, 3.5020
YIQ	50.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

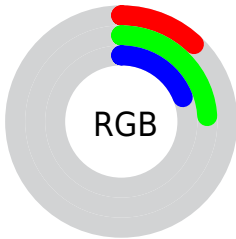
Format	Color
R_{YB}	31, 50, 61
Decimal	2047281
CIE Lab	23.17, -14.64, 3.93
CIE LCh	23, 15.155, 164.959
Yxy	3.8507, 0.2750, 0.3797
Android (android.graphics.Color)	4280237361 (0xFF1F3D31)
YUV	50.6620, -0.8194, -17.2436
Hunter-Lab	19.6228, -8.9769, 3.1547

Details

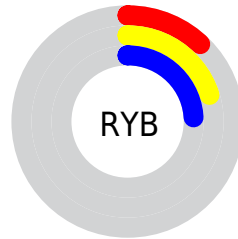
The HunterLab color **19.6228, -8.9769, 3.1547** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.6512, 9.0903, -0.0623**, and the grayscale version is **18.0877, -0.9651, 0.9827**.

A 20% lighter version of the original color is **36.5257, -12.1437, 4.7204**, and **6.8406, -5.7514, 3.8656** is the 20% darker color. If you saturate the color by 10%, you get **19.3513, -10.1445, 3.6486**, and if you desaturate by 10%, it is **19.9392, -7.6548, 2.6872**.

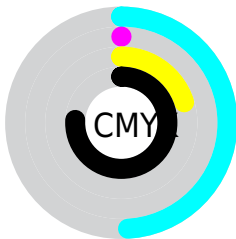
Distribution



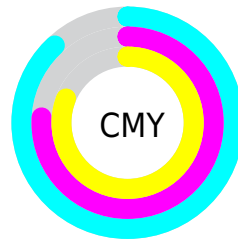
- Red (12%)
- Green (24%)
- Blue (19%)



- Red (12%)
- Yellow (20%)
- Blue (24%)



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (76%)



- Cyan (88%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6228, -8.9769, 3.1547 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 19.6228, -8.9769, 3.1547 by changing the saturation by 10% instead.

■ 19.6228, -8.9769,
3.1547

■ 19.6228, -8.9769,
3.1547

■ 117.5069,
-21.5885, 10.3446

■ 12.6111, -7.3091,
2.4509

■ 36.4320, -11.9879,
4.5997

■ 5.9255, -10.3696,
3.0739

■ 46.0473, -13.4090,
5.3515

0.0000, NaN, NaN

■ 56.3854, -14.7999,
6.1258

0.0000, NaN, NaN

■ 67.3989, -16.1716,
6.9232

0.0000, NaN, NaN

■ 79.0486, -17.5316,
7.7439

0.0000, NaN, NaN

■ 91.3014, -18.8853,

0.0000, NaN, NaN

104.1291,
-20.2367, 9.4548

19.6228, -8.9769,
3.1547

19.6228, -8.9769,
3.1547

19.3513, -10.1445,
3.6486

19.9392, -7.6548,
2.6872

19.1228, -11.1522,
4.1633

20.2997, -6.1852,
2.2497

18.9362, -11.9986,
4.6935

20.7045, -4.5781,
1.8457

18.7838, -12.7099,
5.2273

21.1531, -2.8447,
1.4779

18.6364, -13.4016,
5.7331

21.6444, -0.9971,
1.1481

■ 18.6244, -13.4580,
5.7731

■ 22.1774, 0.9523,
0.8573

■ 22.7508, 2.9912,
0.6060

■ 23.3629, 5.1079,
0.3939

■ 24.0122, 7.2915,
0.2204

Harmonies

Analogous

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



19.6232, -6.9895, 6.1953



19.6228, -8.9769, 3.1547



19.6232, -8.9799, -1.2632

Triad

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



19.6232, -8.9771, 3.1549



19.6232, 1.3200, -9.0863



19.6232, 5.7071, 6.1892

Complementary

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



19.6228, -8.9769, 3.1547



14.6512, 9.0903, -0.0623

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.



19.6232, 8.3859, 3.1444



19.6228, -8.9769, 3.1547



19.6232, 5.6968, -5.9755

Square

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



19.6232, -8.9771, 3.1549



19.6232, -3.3209, -9.0816



19.6232, 8.3820, -1.2764



19.6232, 1.3330, 7.6482

Rectangle

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



19.6228, -8.9769, 3.1547



19.6232, -7.8682, -4.4736



19.6232, 8.3820, -1.2764



19.6232, 6.8531, 5.3533

Sweetspot

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



19.6232, -8.9771, 3.1549



27.0145, -5.1592, 2.2179



19.9024, -8.5188, 8.2526



14.2900, -2.8284, 1.1959



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.



19.6232, -8.9771, 3.1549



24.9866, -13.4785, 4.8868



19.2488, -6.3672, -1.8497



11.3588, -1.4532, 0.7784



28.9125, -21.1930, 9.6114



73.3889, -54.6789, 26.3063

Inverse Universe

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



14.6512, 9.0903, -0.0623



17.2026, 15.0872, 0.0430



14.8553, 6.8036, 4.0988



10.8698, 0.2960, 0.4459



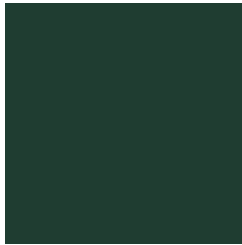
15.9264, 28.1427, 3.5611



40.2777, 70.7567, 12.2280

Previews

White Background



This preview shows how the HunterLab color 19.6228, -8.9769, 3.1547 looks on a white background.

Color Contrast Check

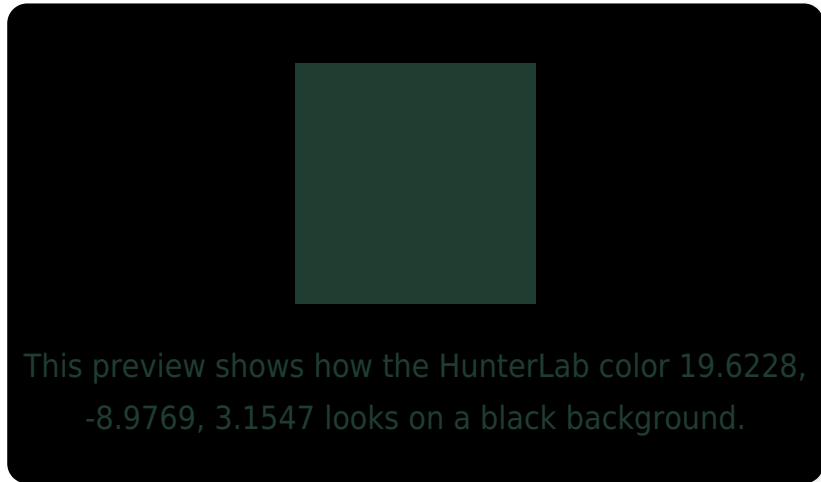
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6228, -8.9769, 3.1547 Background



This preview shows how black text looks on a background with the HunterLab color 19.6228, -8.9769, 3.1547.



This preview shows how white text looks on a background with the HunterLab color 19.6228, -8.9769, 3.1547.

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

19.6228, -8.9769, 3.1547

Protanopia

19.5683, -1.3668, 4.2024

Deuteranopia

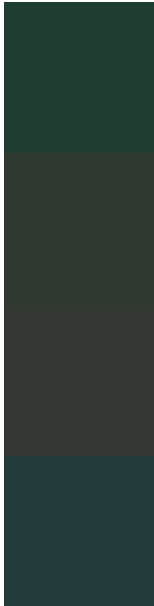
19.5176, 1.1211, 2.5320



Tritanopia

19.6352, -5.4300, -2.6423

Trichromacy



Original Color

19.6228, -8.9769, 3.1547

Protanomaly

19.3904, -4.5200, 3.6460

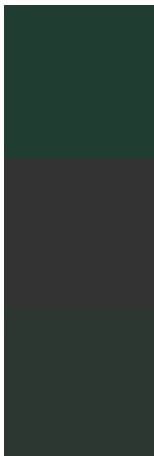
Deuteranomaly

19.3970, -3.0693, 2.6748

Tritanomaly

19.7169, -6.7570, -0.4111

Monochromacy



Original Color

19.6228, -8.9769, 3.1547

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.7033, -4.2845, 1.8840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6228, -8.9769, 3.1547 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(31, 61, 49)` looks like.

```
.text, #text, p{  
    color:rgb(31, 61, 49)  
}
```

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(31, 61, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 61, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6228, -8.9769, 3.1547 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(31, 61, 49) }
```


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

```
.border{ border-color:rgb(31, 61, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 61, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 61, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 61, 49);  
box-shadow:4px 4px 4px 4px rgb(31, 61, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6228, -8.9769, 3.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 61, 49) }
```

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

```
.background{ background-color: rgb(31, 61,  
49) }
```

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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