

Converting Colors

HunterLab(31.1061, -21.1160,
11.6665)

Have a look what the booklet for
HunterLab(31.1061, -21.1160,
11.6665) contains.

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Color

**HunterLab(31.1061,
-21.1160, 11.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6438
RGB	30, 100, 56
RGB Percent	12%, 39%, 22%
CMY	0.8823, 0.6078, 0.7804
CMYK	0.70, 0.00, 0.44, 0.61
HSL	142°, 54%, 25%
HSV	142°, 70%, 39%
XYZ	5.8064, 9.6759, 5.3030
YIQ	74.0540, -27.5960, -28.5240

Conversions

Conversions Part 2

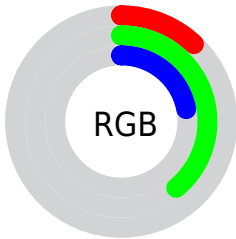
Format	Color
R_{YB}	30, 81, 100
Decimal	1991736
CIE _{Lab}	37.26, -32.62, 18.78
CIE _{LCh}	37, 37.643, 150.073
Yxy	9.6763, 0.2794, 0.4655
Android (android.graphics.Color)	4280181816 (0xFF1E6438)
YUV	74.0540, -8.9006, -38.6354
Hunter-Lab	31.1061, -21.1160, 11.6665

Details

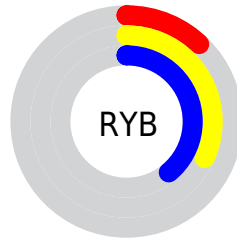
The HunterLab color **31.1061, -21.1160, 11.6665** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20.3286, 25.5053, -5.9237**, and the grayscale version is **26.2260, -1.3994, 1.4249**.

A 20% lighter version of the original color is **50.3396, -26.4554, 15.1306**, and **15.7640, -12.8596, 8.0565** is the 20% darker color. If you saturate the color by 10%, you get **30.8079, -22.5368, 12.8436**, and if you desaturate by 10%, it is **31.4910, -19.3429, 10.4075**.

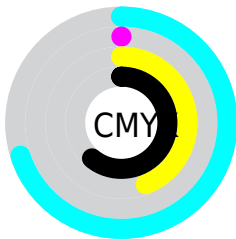
Distribution



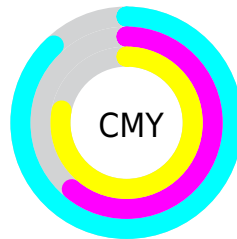
- Red (12%)
- Green (39%)
- Blue (22%)



- Red (12%)
- Yellow (32%)
- Blue (39%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (61%)



- Cyan (88%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1061, -21.1160, 11.6665 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 31.1061, -21.1160, 11.6665 by changing the saturation by 10% instead.

■ 31.1061, -21.1160,
11.6665

■ 31.1061, -21.1160,
11.6665

137.2391,
-42.3194, 26.1820

■ 22.7703, -18.1538,
9.7827

■ 50.1845, -26.4381,
15.1410

■ 15.3497, -14.8610,
7.7823

■ 60.8036, -28.9016,
16.7884

■ 8.9620, -15.6836,
6.2734

■ 72.0811, -31.2745,
18.3987

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.9808, -33.5767,
19.9825

0.0000, NaN, NaN

■ 96.4716, -35.8224,
21.5475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5267,

-38.0228, 23.0997

0.0000, NaN, NaN

123.1228,
-40.1862, 24.6433

31.1061, -21.1160,
11.6665

31.1061, -21.1160,
11.6665

30.8079, -22.5368,
12.8436

31.4910, -19.3429,
10.4075

30.5889, -23.6152,
13.9249

31.9644, -17.2171,
9.0800

30.4125, -24.5001,
14.8759

32.5292, -14.7494,
7.6995

30.4125, -24.5002,
14.8760

33.1861, -11.9583,
6.2809

33.9345, -8.8680,
4.8392

■ 34.7730, -5.5066,
3.3879

■ 35.6992, -1.9044,
1.9394

■ 36.7104, 1.9081,
0.5043

■ 37.8031, 5.9013,
-0.9087

Harmonies

Analogous

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



31.1067, -13.6318, 16.3806



31.1061, -21.1160, 11.6665



31.1067, -23.5998, 1.6618

Triad

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



31.1067, -21.1164, 11.6667



31.1067, -1.6285, -34.5140



31.1067, 24.1463, 11.7011

Complementary

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



31.1061, -21.1160, 11.6665



20.3286, 25.5053, -5.9237

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.



31.1067, 28.7922, 1.7246



31.1061, -21.1160, 11.6665



31.1067, 12.4471, -28.1600

Square

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



31.1067, -21.1164, 11.6667



31.1067, -13.5837, -28.2176



31.1067, 24.1893, -13.3207



31.1067, 12.3803, 16.3937

Rectangle

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



31.1061, -21.1160, 11.6665



31.1067, -22.4844, -8.0322



31.1067, 24.1893, -13.3207



31.1067, 26.6737, 9.0332

Sweetspot

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



31.1067, -21.1164, 11.6667



44.7620, -12.4278, 6.7169



32.6767, -15.4408, 17.6360



22.1067, -6.5620, 3.5136



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



31.1067, -21.1164, 11.6667



40.5918, -30.8117, 17.9453



31.8440, -16.6744, 1.0413



17.7704, -2.6183, 1.6486



35.1798, -28.4248, 17.3894



80.2440, -65.5269, 41.1557

Inverse Universe

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



20.3286, 25.5053, -5.9237



24.5120, 39.4030, -7.3207



19.4597, 21.8250, 6.4357



16.9489, 0.8281, 0.2526



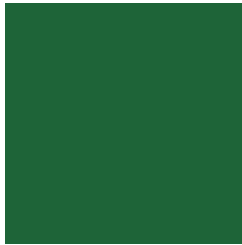
20.2422, 36.9852, -4.9019



46.0407, 83.7894, -8.5688

Previews

White Background



This preview shows how the HunterLab color 31.1061, -21.1160, 11.6665 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

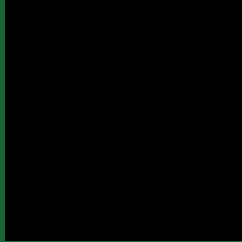
Any Text WCAG AA × Fail

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 31.1061, -21.1160, 11.6665 Background



This preview shows how black text looks on a background with the HunterLab color 31.1061, -21.1160, 11.6665.



This preview shows how white text looks on a background with the HunterLab color 31.1061,

-21.1160, 11.6665.

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

31.1061, -21.1160, 11.6665

Protanopia

30.8905, -3.0366, 12.9700

Deuteranopia

30.9999, 1.5739, 10.9533



Tritanopia

31.1842, -10.9713, -4.8763

Trichromacy



Original Color

31.1061, -21.1160, 11.6665

Protanomaly

30.4779, -11.5065, 12.0267

Deuteranomaly

30.3412, -8.9377, 10.4542

Tritanomaly

31.0747, -15.3806, 2.4810

Monochromacy



Original Color

31.1061, -21.1160, 11.6665

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.3702, -9.7376, 5.1919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1061, -21.1160, 11.6665 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(30, 100, 56)` looks like.

```
.text, #text, p{  
    color:rgb(30, 100, 56)  
}
```

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(30, 100, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 100, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1061, -21.1160, 11.6665 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(30, 100, 56) }
```


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

```
.border{ border-color:rgb(30, 100, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 100, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 100, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 100, 56);  
box-shadow:4px 4px 4px 4px rgb(30, 100,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1061, -21.1160, 11.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 100, 56) }
```

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

```
.background{ background-color: rgb(30, 100,  
56) }
```

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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