

Converting Colors

HunterLab(31.3458, -18.7562,
13.1840)

Have a look what the booklet for
HunterLab(31.3458, -18.7562,
13.1840) contains.

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Color

**HunterLab(31.3561,
-18.7080, 13.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	326332
RGB	50, 99, 50
RGB Percent	20%, 39%, 20%
CMY	0.8039, 0.6118, 0.8039
CMYK	0.49, 0.00, 0.49, 0.61
HSL	120°, 33%, 29%
HSV	120°, 49%, 39%
XYZ	6.3529, 9.8321, 4.5805
YIQ	78.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

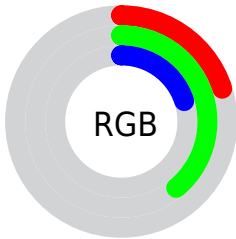
Format	Color
RYB	50, 99, 99
Decimal	3302194
CIELab	37.54, -27.86, 22.75
CIElCh	38, 35.968, 140.762
Yxy	9.8325, 0.3059, 0.4735
Android (android.graphics.Color)	4281492274 (0xFF326332)
YUV	78.7630, -14.1802, -25.2252
Hunter-Lab	31.3561, -18.7080, 13.2881




Details

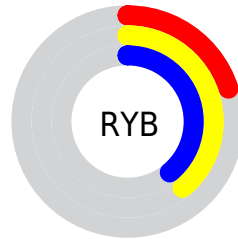
The HunterLab color **31.3561, -18.7080, 13.2881** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24.1554, 20.8251, -13.7256**, and the grayscale version is **27.9300, -1.4903, 1.5175**.




A 20% lighter version of the original color is **50.3836, -23.2685, 17.3304**, and **15.6995, -13.2630, 9.0080** is the 20% darker color. If you saturate the color by 10%, you get **30.8724, -20.9214, 14.7845**, and if you desaturate by 10%, it is **31.9481, -16.0586, 11.4969**.

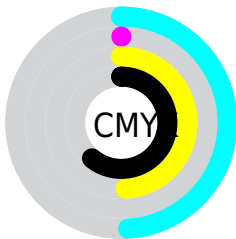
Distribution







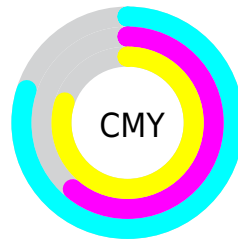
-  Red (20%)
-  Green (39%)
-  Blue (20%)






-  Red (20%)
-  Yellow (39%)
-  Blue (39%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (49%)
-  Black (61%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3561, -18.7080, 13.2881 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 31.3561, -18.7080, 13.2881 by changing the saturation by 10% instead.

■ 31.3561, -18.7080,
13.2881

■ 31.3561, -18.7080,
13.2881

137.6489,
-37.4982, 29.8158

■ 22.9957, -16.1506,
11.0717

■ 50.4776, -23.3491,
17.3298

■ 15.5474, -13.3294,
8.8861

■ 61.1160, -25.5160,
19.2252

■ 9.1364, -13.7745,
6.3954

■ 72.4118, -27.6138,
21.0655

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.3287, -29.6583,
22.8644

0.0000, NaN, NaN

■ 96.8360, -31.6612,
24.6321

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.9068,

-33.6311, 26.3762

0.0000, NaN, NaN

123.5180,

-35.5750, 28.1026

■ 31.3561, -18.7080,
13.2881

■ 31.3561, -18.7080,
13.2881

■ 30.8724, -20.9214,
14.7845

■ 31.9481, -16.0586,
11.4969

■ 30.4924, -22.6858,
15.9775

■ 32.6472, -12.9950,
9.4262

■ 30.2118, -24.0050,
16.8695

■ 33.4534, -9.5502,
7.0981

■ 30.0233, -24.8993,
17.4743

■ 34.3645, -5.7621,
4.5386

■ 29.8804, -25.5816,
17.9357

■ 35.3772, -1.6719,
1.7754

■ 29.8732, -25.6162,
17.9591

■ 36.4878, 2.6792,
-1.1634

■ 37.6915, 7.2513,
-4.2509

■ 38.9837, 12.0078,
-7.4621

■ 40.3594, 16.9156,
-10.7747

Harmonies

Analogous

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



31.3568, -10.0143, 16.7503



31.3561, -18.7080, 13.2881



31.3568, -22.6433, 5.2728

Triad

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



31.3568, -18.7085, 13.2883



31.3568, -5.5689, -31.7820



31.3568, 25.1384, 8.9896

Complementary

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



31.3561, -18.7080, 13.2881



24.1554, 20.8251, -13.7256

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.



31.3568, 26.8474, -2.3343



31.3561, -18.7080, 13.2881



31.3568, 7.6390, -29.4589

Square

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



31.3568, -18.7085, 13.2883



31.3568, -15.9086, -22.7074



31.3568, 20.0102, -17.2524



31.3568, 15.6613, 15.0594

Rectangle

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



31.3561, -18.7080, 13.2881



31.3568, -22.5609, -3.0410



31.3568, 20.0102, -17.2524



31.3568, 26.6945, 5.8117

Sweetspot

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



31.3568, -18.7085, 13.2883



44.2839, -10.5412, 7.9676



34.3615, -7.2313, 15.8399



21.5092, -5.4771, 4.1128



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.3568, -18.7085, 13.2883



40.3684, -27.7066, 19.5700



31.7858, -16.1443, 7.0534



16.9014, -2.7042, 2.1440



34.1065, -29.2463, 20.5041



78.8313, -67.5978, 47.3919

Inverse Universe

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



24.1554, 20.8251, -13.7256



29.2856, 33.6599, -22.3609



23.3135, 16.9270, -2.0401



16.2129, 1.0138, -0.3968



21.5224, 42.3136, -28.3854



49.7453, 97.8005, -65.6076

Previews

White Background



This preview shows how the HunterLab color 31.3561, -18.7080, 13.2881 looks on a white background.

Color Contrast Check

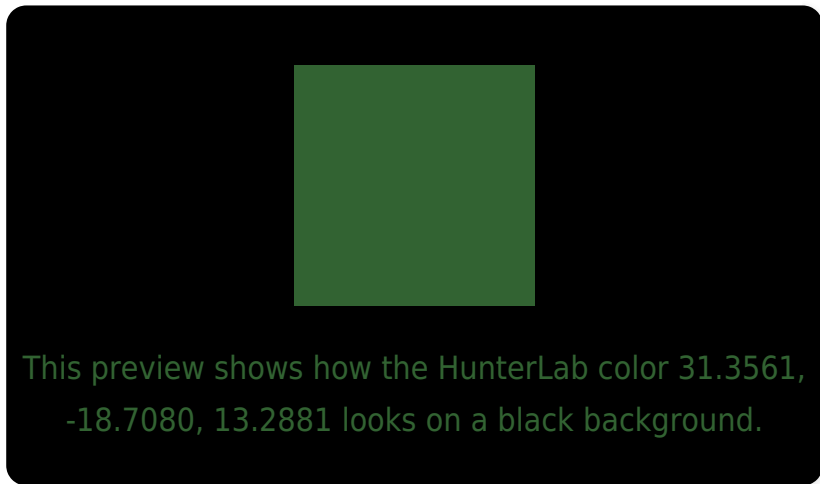
Large Text (above 18pt) WCAG AA ✓ Pass

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

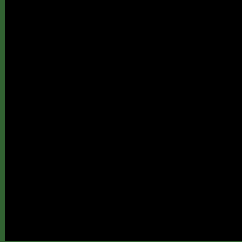
Any Text WCAG AA × Fail

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 31.3561, -18.7080, 13.2881 Background



This preview shows how black text looks on a background with the HunterLab color 31.3561, -18.7080, 13.2881.



This preview shows how white text looks on a background with the HunterLab color 31.3561,

-18.7080, 13.2881.

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

31.3561, -18.7080, 13.2881

Protanopia

31.1739, -3.5209, 14.2315

Deuteranopia

31.1974, 2.0462, 12.6268



Tritanopia

31.2416, -7.8917, -4.2526

Trichromacy



Original Color

31.3561, -18.7080, 13.2881

Protanomaly

30.9273, -9.9788, 13.7270

Deuteranomaly

30.6272, -6.6649, 12.2353

Tritanomaly

31.0861, -12.4687, 3.7117

Monochromacy



Original Color

31.3561, -18.7080, 13.2881

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.8130, -8.5742, 6.3508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3561, -18.7080, 13.2881 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(50, 99, 50)` looks like.

```
.text, #text, p{  
    color:rgb(50, 99, 50)  
}
```

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(50, 99, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 99, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3561, -18.7080, 13.2881 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(50, 99, 50) }
```


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

```
.border{ border-color:rgb(50, 99, 50) }
```

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

Here you see how a box with a 4 pixel rgb(50, 99, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 99, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 99, 50);  
box-shadow:4px 4px 4px 4px rgb(50, 99, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3561, -18.7080, 13.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 99, 50) }
```

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

```
.background{ background-color: rgb(50, 99,  
50) }
```

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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