

Converting Colors

HunterLab(31.6657, -15.1236,
13.1634)

Have a look what the booklet for
HunterLab(31.6657, -15.1236,
13.1634) contains.

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Color

**HunterLab(31.4978,
-15.0296, 13.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	416134
RGB	65, 97, 52
RGB Percent	25%, 38%, 20%
CMY	0.7451, 0.6196, 0.7961
CMYK	0.33, 0.00, 0.46, 0.62
HSL	103°, 30%, 29%
HSV	103°, 46%, 38%
XYZ	7.0745, 9.9211, 4.7909
YIQ	82.3020, -4.6270, -20.7790

Conversions

Conversions Part 2

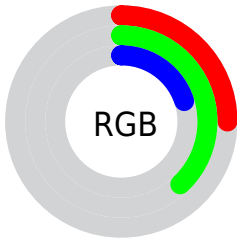
Format	Color
RYB	52, 97, 84
Decimal	4284724
CIELab	37.70, -21.14, 21.98
CIElCh	38, 30.499, 133.890
Yxy	9.9215, 0.3247, 0.4554
Android (android.graphics.Color)	4282474804 (0xFF416134)
YUV	82.3020, -14.9389, -15.1739
Hunter-Lab	31.4978, -15.0296, 13.0303

Details


The HunterLab color $[31.4978, -15.0296, 13.0303]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.8126, 15.1808, -15.0714]$, and the grayscale version is $[29.2115, -1.5587, 1.5871]$.

A 20% lighter version of the original color is $[50.6538, -18.9358, 17.0642]$, and $[15.6045, -10.7497, 8.6634]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.0189, -17.1714, 14.5720]$, and if you desaturate by 10%, it is $[32.0439, -12.6208, 11.1712]$.

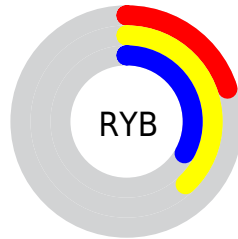
Distribution



 Red (25%)

 Green (38%)

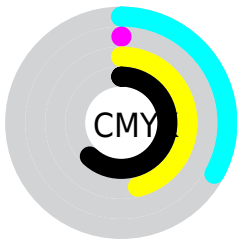
 Blue (20%)




 Red (20%)

 Yellow (38%)

 Blue (33%)

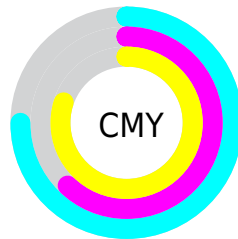


 Cyan (33%)


 Magenta (0%)

 Yellow (46%)

 Black (62%)



 Cyan (75%)

 Magenta (62%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4978, -15.0296, 13.0303 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 31.4978, -15.0296, 13.0303 by changing the saturation by 10% instead.

■ 31.4978, -15.0296,
13.0303

■ 31.4978, -15.0296,
13.0303

137.8808,
-30.5125, 29.1557

■ 23.1235, -13.0188,
10.8823

■ 50.6437, -18.7450,
16.9569

■ 15.6596, -10.8312,
8.7014

■ 61.2930, -20.5067,
18.8024

■ 9.2335, -10.4717,
6.4635

■ 72.5991, -22.2275,
20.5967

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.5257, -23.9182,
22.3529

0.0000, NaN, NaN

■ 97.0422, -25.5867,
24.0804

0.0000, NaN, NaN

■ 110.1220,

0.0000, NaN, NaN

-27.2390, 25.7865

0.0000, NaN, NaN

123.7417,
-28.8797, 27.4768

■ 31.4978, -15.0296,
13.0303

■ 31.4978, -15.0296,
13.0303

■ 31.0189, -17.1714,
14.5720

■ 32.0439, -12.6208,
11.1712

■ 30.6047, -19.0338,
15.7943

■ 32.6549, -9.9576,
9.0009

■ 30.2548, -20.6118,
16.7037

■ 33.3307, -7.0580,
6.5315

■ 29.9671, -21.9062,
17.3152

■ 34.0700, -3.9413,
3.7786

■ 29.7341, -22.9524,
17.7198

■ 34.8712, -0.6279,
0.7599

■ 29.6596, -23.2914,
17.8684

■ 35.7324, 2.8620,
-2.5051

■ 36.6514, 6.5083,
-5.9964

■ 37.6260, 10.2919,
-9.6938

■ 38.6538, 14.1951,
-13.5779

Harmonies

Analogous

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



31.4985, -6.5947, 15.6488



31.4978, -15.0296, 13.0303



31.4985, -19.5164, 6.7964

Triad

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



31.4985, -15.0302, 13.0306



31.4985, -7.3323, -24.3456



31.4985, 21.5591, 6.1671

Complementary

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



31.4978, -15.0296, 13.0303



22.8126, 15.1808, -15.0714

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.



31.4985, 21.2899, -4.3867



31.4978, -15.0296, 13.0303



31.4985, 3.5507, -24.6957

Square

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



31.4985, -15.0302, 13.0306



31.4985, -15.5062, -15.6405



31.4985, 14.3411, -16.4774



31.4985, 15.0327, 12.7066

Rectangle

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



31.4978, -15.0296, 13.0303



31.4985, -20.1088, 0.3206



31.4985, 14.3411, -16.4774



31.4985, 22.2853, 3.0475

Sweetspot

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



31.4985, -15.0302, 13.0306



43.8224, -8.4523, 7.8646



30.0882, -1.1502, 12.1179



21.7644, -4.5173, 4.1853



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.



31.4985, -15.0302, 13.0306



40.5386, -22.8025, 19.2982



31.0110, -16.6624, 10.3759



16.9935, -2.3749, 2.2511



34.5633, -27.3055, 20.8197



79.6352, -64.1756, 47.9474

Inverse Universe

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



22.8126, 15.1808, -15.0714



26.8274, 25.3012, -25.8688



23.8793, 17.4108, -7.9054



16.1082, 0.6607, -0.5352



16.9430, 35.9461, -42.7780



38.5627, 82.3075, -101.1862

Previews

White Background



This preview shows how the HunterLab color 31.4978, -15.0296, 13.0303 looks on a white background.

Color Contrast Check

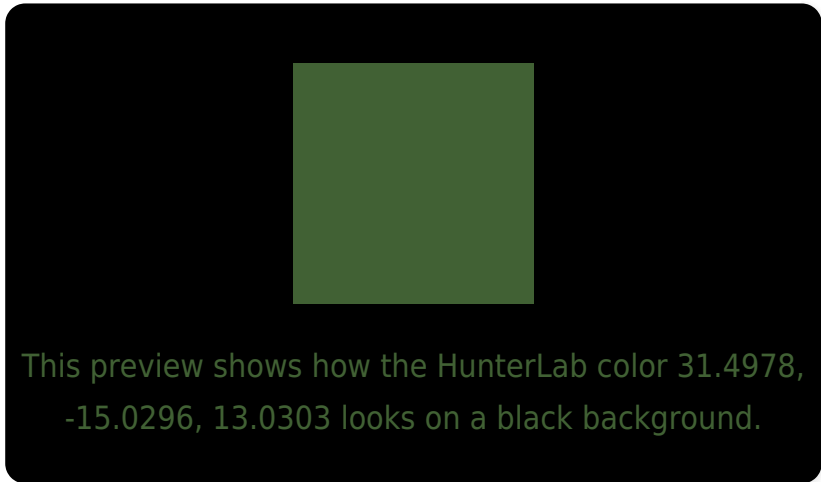
Large Text (above 18pt) WCAG AA ✓ Pass

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

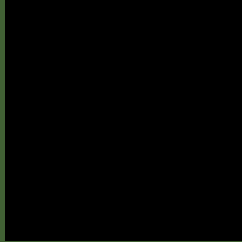
Any Text WCAG AA × Fail

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 31.4978, -15.0296, 13.0303 Background



This preview shows how black text looks on a background with the HunterLab color 31.4978, -15.0296, 13.0303.



This preview shows how white text looks on a background with the HunterLab color 31.4978,

-15.0296, 13.0303.

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

31.4978, -15.0296, 13.0303

Protanopia

31.4768, -3.7263, 13.8574

Deuteranopia

31.2126, 2.1277, 12.4045



Tritanopia

31.5779, -5.3653, -2.7995

Trichromacy



Original Color

31.4978, -15.0296, 13.0303

Protanomaly

31.3303, -8.3992, 13.4480

Deuteranomaly

31.1230, -4.8441, 12.4445

Tritanomaly

31.4908, -9.4705, 4.2092

Monochromacy



Original Color

31.4978, -15.0296, 13.0303

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.6780, -6.6708, 6.2614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4978, -15.0296, 13.0303 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(65, 97, 52)` looks like.

```
.text, #text, p{  
    color:rgb(65, 97, 52)  
}
```

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(65, 97, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 97, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4978, -15.0296, 13.0303 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(65, 97, 52) }
```


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

```
.border{ border-color:rgb(65, 97, 52) }
```

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

Here you see how a box with a 4 pixel rgb(65, 97, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 97, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 97, 52);  
box-shadow:4px 4px 4px 4px rgb(65, 97, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4978, -15.0296, 13.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 97, 52) }
```

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

```
.background{ background-color: rgb(65, 97,  
52) }
```

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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