

Converting Colors

HunterLab(31.2350, -15.8972,
13.0179)

Have a look what the booklet for
HunterLab(31.2350, -15.8972,
13.0179) contains.

HunterLab(31.2738, -15.9359, 13.0541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.2738,
-15.9359, 13.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6133
RGB	61, 97, 51
RGB Percent	24%, 38%, 20%
CMY	0.7608, 0.6196, 0.8000
CMYK	0.37, 0.00, 0.47, 0.62
HSL	107°, 31%, 29%
HSV	107°, 47%, 38%
XYZ	6.7967, 9.7805, 4.6616
YIQ	80.9920, -6.6900, -21.9380

Conversions

Conversions Part 2

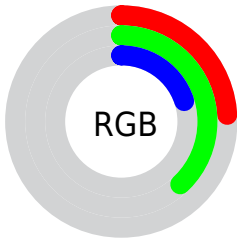
Format	Color
RYB	51, 97, 87
Decimal	4022579
CIELab	37.45, -22.84, 22.18
CIELCh	37, 31.835, 135.832
Yxy	9.7809, 0.3200, 0.4605
Android (android.graphics.Color)	4282212659 (0xFF3D6133)
YUV	80.9920, -14.7861, -17.5330
Hunter-Lab	31.2738, -15.9359, 13.0541

Details

The HunterLab color $[31.2738, -15.9359, 13.0541]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.9287, 16.4905, -14.8281]$, and the grayscale version is $[28.7362, -1.5333, 1.5613]$.

A 20% lighter version of the original color is $[50.3752, -20.0350, 17.0901]$, and $[15.4522, -11.3937, 8.6610]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.7896, -18.1107, 14.5624]$, and if you desaturate by 10%, it is $[31.8337, -13.4606, 11.2358]$.

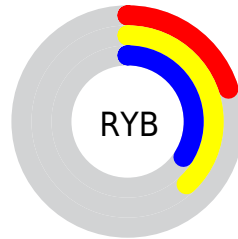
Distribution



Red (24%)

Green (38%)

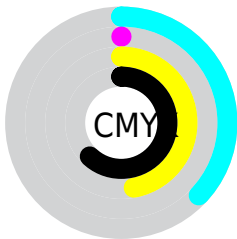
Blue (20%)



Red (20%)

Yellow (38%)

Blue (34%)

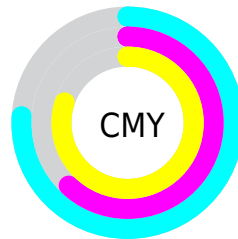


Cyan (37%)

Magenta (0%)

Yellow (47%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2738, -15.9359, 13.0541 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 31.2738, -15.9359, 13.0541 by changing the saturation by 10% instead.

■ 31.2738, -15.9359,
13.0541

■ 31.2738, -15.9359,
13.0541

137.5141,
-32.2512, 29.2931

■ 22.9215, -13.7860,
10.8847

■ 50.3812, -19.8853,
17.0150

■ 15.4823, -11.4361,
8.7230

■ 61.0132, -21.7491,
18.8748

■ 9.0794, -11.4443,
6.3556

■ 72.3030, -23.5648,
20.6820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2143, -25.3444,
22.4501

0.0000, NaN, NaN

■ 96.7161, -27.0969,
24.1886

0.0000, NaN, NaN

■ 109.7818,

0.0000, NaN, NaN

-28.8289, 25.9050

0.0000, NaN, NaN

123.3880,
-30.5457, 27.6051

■ 31.2738, -15.9359,
13.0541

■ 31.2738, -15.9359,
13.0541

■ 30.7896, -18.1107,
14.5624

■ 31.8337, -13.4606,
11.2358

■ 30.3785, -19.9713,
15.7576

■ 32.4671, -10.7000,
9.1155

■ 30.0395, -21.5127,
16.6453

■ 33.1737, -7.6754,
6.7076

■ 29.7699, -22.7375,
17.2404

■ 33.9521, -4.4100,
4.0294

■ 29.5600, -23.6935,
17.6559

■ 34.8003, -0.9280,
1.1010

■ 29.5130, -23.9109,
17.7671

■ 35.7159, 2.7461,
-2.0564

■ 36.6965, 6.5886,
-5.4212

■ 37.7391, 10.5772,
-8.9721

■ 38.8410, 14.6910,
-12.6889

Harmonies

Analogous

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



31.2745, -7.4481, 15.8840



31.2738, -15.9359, 13.0541



31.2745, -20.2683, 6.4033

Triad

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



31.2745, -15.9365, 13.0543



31.2745, -6.8746, -26.1412



31.2745, 22.4305, 6.8899

Complementary

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



31.2738, -15.9359, 13.0541



22.9287, 16.4905, -14.8281

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.



31.2745, 22.6429, -3.8649



31.2738, -15.9359, 13.0541



31.2745, 4.5598, -25.8616

Square

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



31.2745, -15.9365, 13.0543



31.2745, -15.5689, -17.3340



31.2745, 15.7237, -16.6690



31.2745, 15.1796, 13.2997

Rectangle

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



31.2738, -15.9359, 13.0541



31.2745, -20.6831, -0.4993



31.2745, 15.7237, -16.6690



31.2745, 23.3591, 3.7547

Sweetspot

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



31.2745, -15.9365, 13.0543



43.7288, -8.7913, 7.7604



30.7881, -2.4141, 12.8976



21.7134, -4.7028, 4.1291



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.



31.2745, -15.9365, 13.0543



40.2384, -24.0340, 19.2806



31.0089, -16.5903, 9.7502



16.9704, -2.4571, 2.2244



34.3970, -28.0086, 20.7049



79.2947, -65.6201, 47.7122

Inverse Universe

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



22.9287, 16.4905, -14.8281



27.1543, 27.2183, -25.1180



23.5816, 17.3428, -6.6353



16.1339, 0.7475, -0.5012



17.9995, 37.3486, -38.9417



41.1263, 85.6836, -91.6691

Previews

White Background



This preview shows how the HunterLab color 31.2738, -15.9359, 13.0541 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

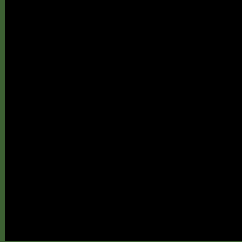
Any Text WCAG AA × Fail

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 31.2738, -15.9359, 13.0541 Background



This preview shows how black text looks on a background with the HunterLab color 31.2738, -15.9359, 13.0541.



This preview shows how white text looks on a background with the HunterLab color 31.2738,

-15.9359, 13.0541.

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

31.2738, -15.9359, 13.0541

Protanopia

31.1997, -3.3777, 13.8521

Deuteranopia

31.0985, 1.7134, 12.5389



Tritanopia

31.3374, -6.2331, -3.1329

Trichromacy



Original Color

31.2738, -15.9359, 13.0541

Protanomaly

30.9657, -8.3533, 13.3711

Deuteranomaly

30.9442, -5.5162, 12.5176

Tritanomaly

31.2616, -10.3279, 3.9427

Monochromacy



Original Color

31.2738, -15.9359, 13.0541

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.5202, -7.2913, 6.4249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2738, -15.9359, 13.0541 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(61, 97, 51)` looks like.

```
.text, #text, p{  
    color:rgb(61, 97, 51)  
}
```

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(61, 97, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 97, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2738, -15.9359, 13.0541 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(61, 97, 51) }
```


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

```
.border{ border-color:rgb(61, 97, 51) }
```

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

Here you see how a box with a 4 pixel rgb(61, 97, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 97, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 97, 51);  
box-shadow:4px 4px 4px 4px rgb(61, 97, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2738, -15.9359, 13.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 97, 51) }
```

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

```
.background{ background-color: rgb(61, 97,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor