

Converting Colors

HunterLab(37.8463, -18.8062,
13.6526)

Have a look what the booklet for
HunterLab(37.8463, -18.8062,
13.6526) contains.

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Color

**HunterLab(37.8463,
-18.8062, 13.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	487447
RGB	72, 116, 71
RGB Percent	28%, 45%, 28%
CMY	0.7176, 0.5451, 0.7216
CMYK	0.38, 0.00, 0.39, 0.55
HSL	119°, 24%, 37%
HSV	119°, 39%, 45%
XYZ	10.0552, 14.3234, 8.1960
YIQ	97.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

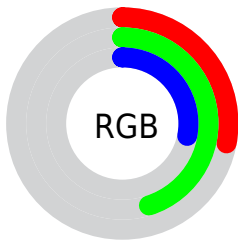
Format	Color
R_{YB}	71, 116, 115
Decimal	4748359
CIE _{Lab}	44.69, -25.13, 20.20
CIE _{LCh}	45, 32.244, 141.213
Yxy	14.3240, 0.3087, 0.4397
Android (android.graphics.Color)	4282938439 (0xFF487447)
YUV	97.7140, -13.1700, -22.5512
Hunter-Lab	37.8463, -18.8062, 13.6526

Details

The HunterLab color **37.8463, -18.8062, 13.6526** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30.6802, 18.8992, -12.6966**, and the grayscale version is **34.8929, -1.8618, 1.8958**.

A 20% lighter version of the original color is **57.8782, -22.8937, 17.0608**, and **20.6665, -14.1679, 9.6829** is the 20% darker color. If you saturate the color by 10%, you get **37.1383, -21.9800, 15.8066**, and if you desaturate by 10%, it is **38.6838, -15.1427, 11.1521**.

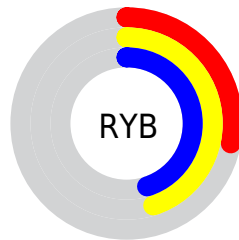
Distribution



Red (28%)

Green (45%)

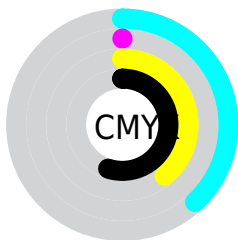
Blue (28%)



Red (28%)

Yellow (45%)

Blue (45%)

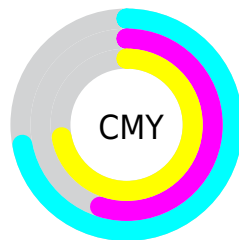


Cyan (38%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8463, -18.8062, 13.6526 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 37.8463, -18.8062, 13.6526 by changing the saturation by 10% instead.

■ 37.8463, -18.8062,
13.6526

■ 37.8463, -18.8062,
13.6526

148.0667,
-35.9553, 28.6644

■ 28.8901, -16.5855,
11.7447

■ 58.0197, -22.9329,
17.2177

■ 20.7783, -14.1958,
9.7007

■ 69.1324, -24.8916,
18.9198

■ 13.6112, -11.5458,
7.9636

■ 80.8759, -26.8030,
20.5874

■ 7.2088, -12.6154,
5.0461

■ 93.2180, -28.6781,
22.2299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1309,
-30.5252, 23.8540

0.0000, NaN, NaN

119.5906,

0.0000, NaN, NaN

-32.3506, 25.4652

0.0000, NaN, NaN

133.5755,
-34.1593, 27.0676

■ 37.8463, -18.8062,
13.6526

■ 37.8463, -18.8062,
13.6526

■ 37.1383, -21.9800,
15.8066

■ 38.6838, -15.1427,
11.1521

■ 36.5567, -24.6336,
17.5945

■ 39.6475, -11.0265,
8.3303

■ 36.0992, -26.7533,
19.0080

■ 40.7354, -6.5038,
5.2190

■ 35.7601, -28.3421,
20.0513

■ 41.9438, -1.6237,
1.8519

■ 35.5308, -29.4235,
20.7434

■ 43.2679, 3.5648,
-1.7369

■ 35.3834, -30.1255,
21.2083

■ 44.7023, 9.0142,
-5.5142

■ 35.3666, -30.2061,
21.2639

■ 46.2413, 14.6812,
-9.4495

■ 47.8789, 20.5266,
-13.5153

■ 49.6092, 26.5162,
-17.6874

Harmonies

Analogous

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



37.8471, -10.2348, 17.6461



37.8463, -18.8062, 13.6526



37.8471, -22.7429, 5.3504

Triad

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



37.8471, -18.8069, 13.6529



37.8471, -5.5805, -27.7464



37.8471, 22.7523, 9.3550

Complementary

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



37.8463, -18.8062, 13.6526



30.6802, 18.8992, -12.6966

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.



37.8471, 24.4158, -1.5550



37.8463, -18.8062, 13.6526



37.8471, 6.9581, -25.6217

Square

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



37.8471, -18.8069, 13.6529



37.8471, -15.7754, -20.1113



37.8471, 18.3198, -14.9943



37.8471, 14.0290, 15.7750

Rectangle

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



37.8463, -18.8062, 13.6526



37.8471, -22.6082, -2.6001



37.8471, 18.3198, -14.9943



37.8471, 24.1963, 6.1941

Sweetspot

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



37.8471, -18.8069, 13.6529



53.4822, -10.7851, 8.4085



40.3936, -6.9917, 16.0176



26.0541, -5.5507, 4.3017



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.8471, -18.8069, 13.6529



49.2899, -28.9066, 20.7978



38.2148, -16.5409, 7.5484



20.2527, -3.2950, 2.6374



37.4634, -32.0045, 22.5245



82.6710, -70.7790, 49.7024

Inverse Universe

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



30.6802, 18.8992, -12.6966



37.8073, 31.8678, -21.6935



30.0767, 15.7454, -2.5343



19.3752, 1.2769, -0.5552



23.2066, 45.8396, -32.2716



51.1780, 101.1177, -71.3770

Previews

White Background



This preview shows how the HunterLab color 37.8463, -18.8062, 13.6526 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 × Fail

Black Background



This preview shows how the HunterLab color 37.8463, -18.8062, 13.6526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

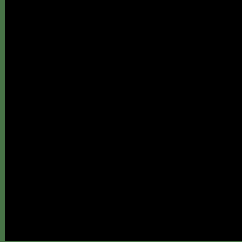
Any Text WCAG AA × Fail

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 37.8463, -18.8062, 13.6526 Background



This preview shows how black text looks on a background with the HunterLab color 37.8463, -18.8062, 13.6526.



This preview shows how white text looks on a background with the HunterLab color 37.8463,

-18.8062, 13.6526.

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

37.8463, -18.8062, 13.6526

Protanopia

37.6208, -3.5149, 14.7514

Deuteranopia

37.6321, 2.1966, 13.0201



Tritanopia

37.7268, -7.8303, -4.3181

Trichromacy



Original Color

37.8463, -18.8062, 13.6526

Protanomaly

37.4263, -9.8965, 14.2250

Deuteranomaly

37.2200, -6.1442, 12.7863

Tritanomaly

37.6395, -12.1178, 3.1803

Monochromacy



Original Color

37.8463, -18.8062, 13.6526

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.9605, -8.6626, 6.7849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8463, -18.8062, 13.6526 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(72, 116, 71)` looks like.

```
.text, #text, p{  
    color:rgb(72, 116, 71)  
}
```

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(72, 116, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 116, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8463, -18.8062, 13.6526 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(72, 116, 71) }
```


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

```
.border{ border-color:rgb(72, 116, 71) }
```

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

Here you see how a box with a 4 pixel rgb(72, 116, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 116, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 116, 71);  
box-shadow:4px 4px 4px 4px rgb(72, 116,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8463, -18.8062, 13.6526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 116, 71) }
```

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

```
.background{ background-color: rgb(72, 116,  
71) }
```

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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