

Converting Colors

HunterLab(37.3261, -18.6284,
13.5462)

Have a look what the booklet for
HunterLab(37.3261, -18.6284,
13.5462) contains.

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Color

**HunterLab(37.4743,
-18.7346, 13.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	477346
RGB	71, 115, 70
RGB Percent	28%, 45%, 27%
CMY	0.7216, 0.5490, 0.7255
CMYK	0.38, 0.00, 0.39, 0.55
HSL	119°, 24%, 36%
HSV	119°, 39%, 45%
XYZ	9.8347, 14.0432, 7.9866
YIQ	96.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

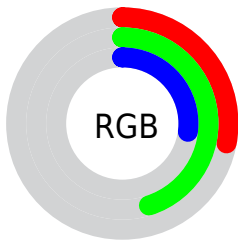
Format	Color
RYB	70, 115, 114
Decimal	4682566
CIELab	44.30, -25.16, 20.24
CIELCh	44, 32.287, 141.187
Yxy	14.0438, 0.3086, 0.4407
Android (android.graphics.Color)	4282872646 (0xFF477346)
YUV	96.7140, -13.1700, -22.5512
Hunter-Lab	37.4743, -18.7346, 13.5960

Details

The HunterLab color $37.4743, -18.7346, 13.5960$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $30.3248, 18.8896, -12.6968$, and the grayscale version is $34.5189, -1.8418, 1.8755$.

A 20% lighter version of the original color is $57.4755, -22.8357, 17.0126$, and $20.3401, -14.0545, 9.6065$ is the 20% darker color. If you saturate the color by 10%, you get $36.7773, -21.8613, 15.7177$, and if you desaturate by 10%, it is $38.2995, -15.1226, 11.1310$.

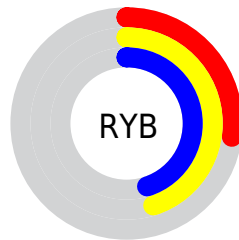
Distribution



Red (28%)

Green (45%)

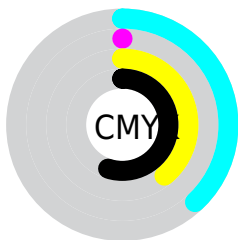
Blue (27%)



Red (27%)

Yellow (45%)

Blue (45%)

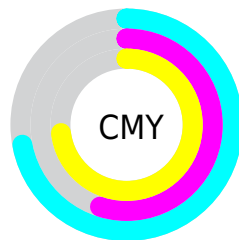


Cyan (38%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4743, -18.7346, 13.5960 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 37.4743, -18.7346, 13.5960 by changing the saturation by 10% instead.

■ 37.4743, -18.7346,
13.5960

■ 37.4743, -18.7346,
13.5960

147.4799,
-35.9097, 28.6369

■ 28.5502, -16.5066,
11.6806

■ 57.5906, -22.8712,
17.1716

■ 20.4739, -14.1065,
9.6267

■ 68.6774, -24.8334,
18.8776

■ 13.3470, -11.4409,
7.9730

■ 80.3964, -26.7477,
20.5485

■ 6.8961, -12.0682,
4.8273

■ 92.7152, -28.6254,
22.1938

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6059,
-30.4746, 23.8205

0.0000, NaN, NaN

119.0442,

0.0000, NaN, NaN

-32.3019, 25.4339

0.0000, NaN, NaN

133.0086,
-34.1122, 27.0383

■ 37.4743, -18.7346,
13.5960

■ 37.4743, -18.7346,
13.5960

■ 36.7773, -21.8613,
15.7177

■ 38.2995, -15.1226,
11.1310

■ 36.2051, -24.4729,
17.4768

■ 39.2494, -11.0616,
8.3475

■ 35.7556, -26.5564,
18.8657

■ 40.3224, -6.5971,
5.2765

■ 35.4229, -28.1152,
19.8888

■ 41.5146, -1.7775,
1.9514

■ 35.1987, -29.1732,
20.5653

■ 42.8214, 3.3486,
-1.5939

■ 35.0528, -29.8684,
21.0279

■ 44.2375, 8.7344,
-5.3269

■ 35.0407, -29.9265,
21.0680

■ 45.7572, 14.3368,
-9.2171

■ 47.3747, 20.1169,
-13.2373

■ 49.0841, 26.0409,
-17.3634

Harmonies

Analogous

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



37.4751, -10.1865, 17.5584



37.4743, -18.7346, 13.5960



37.4751, -22.6603, 5.3318

Triad

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



37.4751, -18.7353, 13.5963



37.4751, -5.5635, -27.7703



37.4751, 22.7502, 9.3061

Complementary

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



37.4743, -18.7346, 13.5960



30.3248, 18.8896, -12.6968

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.



37.4751, 24.4062, -1.5807



37.4743, -18.7346, 13.5960



37.4751, 6.9523, -25.6510

Square

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



37.4751, -18.7353, 13.5963



37.4751, -15.7271, -20.1168



37.4751, 18.3065, -15.0171



37.4751, 14.0368, 15.6960

Rectangle

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



37.4743, -18.7346, 13.5960



37.4751, -22.5290, -2.6019



37.4751, 18.3065, -15.0171



37.4751, 24.1915, 6.1547

Sweetspot

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



37.4751, -18.7353, 13.5963



53.4822, -10.7851, 8.4085



40.0123, -6.9529, 15.9474



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.



37.4751, -18.7353, 13.5963



49.2899, -28.9066, 20.7978



37.8411, -16.4789, 7.5208



20.2527, -3.2950, 2.6374



37.4634, -32.0045, 22.5245



82.6710, -70.7791, 49.7024

Inverse Universe

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



30.3248, 18.8896, -12.6968



37.8073, 31.8679, -21.6935



29.7215, 15.7399, -2.5359



19.3752, 1.2769, -0.5552



23.2066, 45.8396, -32.2716



51.1781, 101.1178, -71.3768

Previews

White Background



This preview shows how the HunterLab color 37.4743, -18.7346, 13.5960 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 37.4743, -18.7346, 13.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

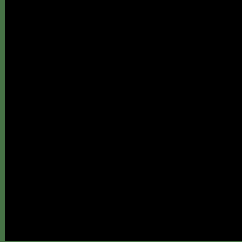
Any Text WCAG AA × Fail

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 37.4743, -18.7346, 13.5960 Background



This preview shows how black text looks on a background with the HunterLab color 37.4743, -18.7346, 13.5960.



This preview shows how white text looks on a background with the HunterLab color 37.4743,

-18.7346, 13.5960.

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

37.4743, -18.7346, 13.5960

Protanopia

37.2443, -3.4808, 14.6837

Deuteranopia

37.2565, 2.2214, 12.9651



Tritanopia

37.3507, -7.7912, -4.3281

Trichromacy



Original Color

37.4743, -18.7346, 13.5960

Protanomaly

37.0500, -9.8534, 14.1598

Deuteranomaly

36.8433, -6.1101, 12.7296

Tritanomaly

37.2643, -12.0711, 3.1616

Monochromacy



Original Color

37.4743, -18.7346, 13.5960

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5857, -8.6278, 6.7537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4743, -18.7346, 13.5960 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(71, 115, 70)` looks like.

```
.text, #text, p{  
    color:rgb(71, 115, 70)  
}
```

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(71, 115, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 115, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4743, -18.7346, 13.5960 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(71, 115, 70) }
```


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

```
.border{ border-color:rgb(71, 115, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 115, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 115, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 115, 70);  
box-shadow:4px 4px 4px 4px rgb(71, 115,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4743, -18.7346, 13.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 115, 70) }
```

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

```
.background{ background-color: rgb(71, 115,  
70) }
```

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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