

Converting Colors

HunterLab(37.5188, 30.9864,
17.5920)

Have a look what the booklet for
HunterLab(37.5188, 30.9864,
17.5920) contains.

HunterLab(37.5476, 30.6444, 17.5607)	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(37.5476, 30.6444,
17.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4B39
RGB	172, 75, 57
RGB Percent	67%, 29%, 22%
CMY	0.3255, 0.7059, 0.7765
CMYK	0.00, 0.56, 0.67, 0.33
HSL	9°, 50%, 45%
HSV	9°, 67%, 67%
XYZ	20.2679, 14.0982, 5.5239
YIQ	101.9510, 63.5900, 14.9660

Conversions

Conversions Part 2

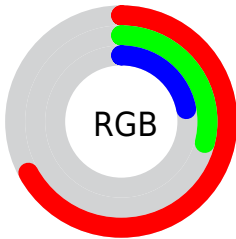
Format	Color
RYB	172, 78, 57
Decimal	11291449
CIELab	44.37, 38.48, 30.05
CIELCh	44, 48.829, 37.989
Yxy	14.0990, 0.5081, 0.3534
Android (android.graphics.Color)	4289481529 (0xFFAC4B39)
YUV	101.9510, -22.1608, 61.4330
Hunter-Lab	37.5476, 30.6444, 17.5607

Details

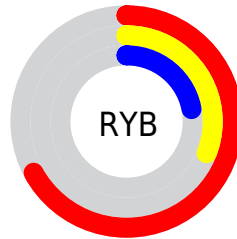
The HunterLab color **37.5476, 30.6444, 17.5607** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **51.9209, -19.7364, -12.9210**, and the grayscale version is **36.4977, -1.9474, 1.9830**.

A 20% lighter version of the original color is **57.7533, 33.1247, 22.4470**, and **20.5473, 27.6774, 11.9468** is the 20% darker color. If you saturate the color by 10%, you get **34.9381, 36.1083, 18.7841**, and if you desaturate by 10%, it is **40.6180, 25.0339, 15.9582**.

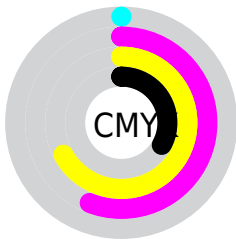
Distribution



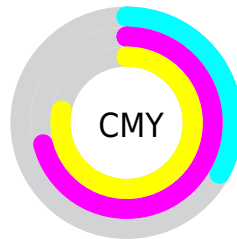
- Red (67%)
- Green (29%)
- Blue (22%)



- Red (67%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5476, 30.6444, 17.5607 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 37.5476, 30.6444, 17.5607 by changing the saturation by 10% instead.

37.5476, 30.6444,
17.5607

37.5476, 30.6444,
17.5607

147.5960, 39.4197,
37.4771

28.6174, 29.1325,
14.8653

57.6755, 33.2843,
22.4906

20.5341, 27.5020,
11.9573

68.7674, 34.4330,
24.7952

13.3992, 25.7998,
9.3794

80.4912, 35.4787,
27.0241

6.9591, 27.1197,
4.8714

92.8147, 36.4295,
29.1934

0.0000, INF, NaN

0.0000, NaN, NaN

105.7098, 37.2930,
31.3149

0.0000, NaN, NaN

119.1523, 38.0755,

0.0000, NaN, NaN

33.3980

0.0000, NaN, NaN

133.1207, 38.7827,
35.4501

■ 37.5476, 30.6444,
17.5607

■ 37.5476, 30.6444,
17.5607

■ 34.9381, 36.1083,
18.7841

■ 40.6180, 25.0339,
15.9582

■ 32.8394, 41.1348,
19.5296

■ 44.0880, 19.4936,
14.0755

■ 31.2857, 45.3556,
19.7782

■ 47.9036, 14.1416,
11.9976

■ 30.9051, 46.4342,
19.8565

■ 52.0156, 9.0345,
9.7875

■ 56.3825, 4.1872,
7.4890

■ 60.9699, -0.4090,
5.1312

■ 65.7493, -4.7747,
2.7331

■ 70.6975, -8.9345,
0.3064

■ 75.7954, -12.9140,
-2.1417

Harmonies

Analogous

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



37.5486, 40.5126, 6.4823



37.5476, 30.6444, 17.5607



37.5486, 12.4014, 21.9095

Triad

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



37.5486, 30.6415, 17.5613



37.5486, -29.8030, 12.7127



37.5486, 3.1092, -49.8588

Complementary

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



37.5476, 30.6444, 17.5607



51.9209, -19.7364, -12.9210

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.



37.5486, -14.5222, -45.3288



37.5476, 30.6444, 17.5607



37.5486, -31.3269, -3.0127

Square

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



37.5486, 30.6415, 17.5613



37.5486, -21.6261, 20.2141



37.5486, -26.2939, -25.5976



37.5486, 22.7131, -36.0047

Rectangle

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



37.5476, 30.6444, 17.5607



37.5486, -0.7387, 22.6505



37.5486, -26.2939, -25.5976



37.5486, -3.2558, -50.5257

Sweetspot

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



37.5486, 30.6415, 17.5613



73.8483, 7.8845, 11.1809



37.4902, 50.4321, -24.8841



33.6814, 4.5011, 5.6044



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.5486, 30.6415, 17.5613



45.6762, 51.8330, 25.8460



50.4984, 3.4227, 26.6318



28.6537, 0.3327, 2.7362



26.7617, 39.7312, 17.1860



5.0948, 4.7903, 3.2233

Inverse Universe

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



51.9209, -19.7364, -12.9210



67.5062, -27.1969, -21.0671



35.2763, 6.2312, -43.7519



29.7578, -3.3213, 0.4410



41.6750, -16.7488, -15.9342



7.3456, -3.3020, -2.0532

Previews

White Background



This preview shows how the HunterLab color 37.5476, 30.6444, 17.5607 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 37.5476, 30.6444, 17.5607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

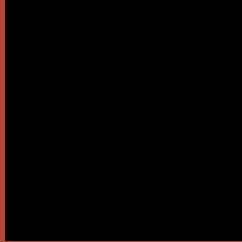
Any Text WCAG AA × Fail

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 37.5476, 30.6444, 17.5607 Background



This preview shows how black text looks on a background with the HunterLab color 37.5476, 30.6444, 17.5607.



This preview shows how white text looks on a background with the HunterLab color 37.5476, 30.6444,

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

37.5476, 30.6444, 17.5607

Protanopia

37.9081, -3.8651, 14.7376

Deuteranopia

37.8168, 2.1653, 18.2469



Tritanopia

37.4897, 33.8591, 12.5898

Trichromacy



Original Color

37.5476, 30.6444, 17.5607

Protanomaly

37.1333, 7.9436, 15.2758

Deuteranomaly

37.3368, 11.9664, 17.6742

Tritanomaly

37.5387, 32.8406, 14.5543

Monochromacy



Original Color

37.5476, 30.6444, 17.5607

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

35.8304, 8.3335, 7.6560

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5476, 30.6444, 17.5607 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(172, 75, 57)` looks like.

```
.text, #text, p{  
    color:rgb(172, 75, 57)  
}
```

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(172, 75, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 75, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5476, 30.6444, 17.5607 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(172, 75, 57) }
```


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

```
.border{ border-color:rgb(172, 75, 57) }
```

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

Here you see how a box with a 4 pixel rgb(172, 75, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 75, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 75, 57);  
box-shadow:4px 4px 4px 4px rgb(172, 75,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5476, 30.6444, 17.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 75, 57) }
```

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

```
.background{ background-color: rgb(172, 75,  
57) }
```

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