

Converting Colors

HunterLab(37.6040, -13.8663,
13.3139)

Have a look what the booklet for
HunterLab(37.6040, -13.8663,
13.3139) contains.

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Color

**HunterLab(37.5266,
-13.8512, 13.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	577048
RGB	87, 112, 72
RGB Percent	34%, 44%, 28%
CMY	0.6588, 0.5608, 0.7176
CMYK	0.22, 0.00, 0.36, 0.56
HSL	98°, 22%, 36%
HSV	98°, 36%, 44%
XYZ	10.8944, 14.0825, 8.2749
YIQ	99.9650, -2.0600, -17.7400

Conversions

Conversions Part 2

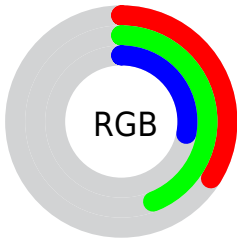
Format	Color
RYB	72, 112, 97
Decimal	5730376
CIELab	44.35, -17.25, 19.34
CIELCh	44, 25.917, 131.742
Yxy	14.0831, 0.3276, 0.4235
Android (android.graphics.Color)	4283920456 (0xFF577048)
YUV	99.9650, -13.7867, -11.3703
Hunter-Lab	37.5266, -13.8512, 13.1948

Details

The HunterLab color $[37.5266, -13.8512, 13.1948]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[28.8900, 12.2931, -13.4441]$, and the grayscale version is $[35.7367, -1.9068, 1.9416]$.

A 20% lighter version of the original color is $[57.7362, -16.9211, 16.7046]$, and $[20.4867, -10.5292, 9.4386]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.9177, -16.5469, 15.4136]$, and if you desaturate by 10%, it is $[38.2051, -10.8877, 10.5878]$.

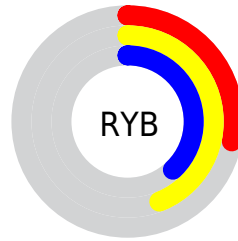
Distribution



Red (34%)

Green (44%)

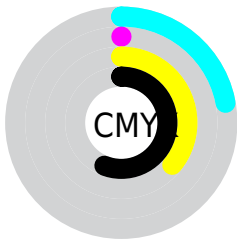
Blue (28%)



Red (28%)

Yellow (44%)

Blue (38%)

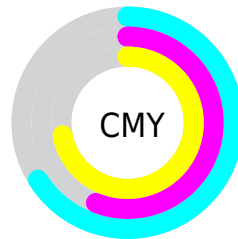


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5266, -13.8512, 13.1948 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 37.5266, -13.8512, 13.1948 by changing the saturation by 10% instead.

■ 37.5266, -13.8512,
13.1948

■ 37.5266, -13.8512,
13.1948

147.5625,
-27.3509, 27.8007

■ 28.5980, -12.2041,
11.3500

■ 57.6510, -16.9817,
16.6492

■ 20.5167, -10.4617,
9.3759

■ 68.7414, -18.4966,
18.3019

■ 13.3841, -8.5667,
7.6945

■ 80.4639, -19.9917,
19.9231

■ 6.9410, -11.2032,
4.8587

■ 92.7860, -21.4736,
21.5217

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6798,
-22.9471, 23.1043

0.0000, NaN, NaN

119.1211,

0.0000, NaN, NaN

-24.4160, 24.6758

0.0000, NaN, NaN

133.0884,
-25.8832, 26.2403

■ 37.5266, -13.8512,
13.1948

■ 37.5266, -13.8512,
13.1948

■ 36.9177, -16.5469,
15.4136

■ 38.2051, -10.8877,
10.5878

■ 36.3761, -18.9587,
17.2378

■ 38.9501, -7.6703,
7.6027

■ 35.9022, -21.0778,
18.6693

■ 39.7612, -4.2184,
4.2555

■ 35.4947, -22.8995,
19.7184

■ 40.6370, -0.5515,
0.5649

■ 35.1516, -24.4253,
20.4058

■ 41.5756, 3.3102,
-3.4480

■ 34.8673, -25.6793,
20.8011

■ 42.5750, 7.3469,
-7.7608

■ 34.7579, -26.1656,
20.9596

■ 43.6331, 11.5396,
-12.3509

■ 44.7476, 15.8700,
-17.1955

■ 45.9162, 20.3213,
-22.2726

Harmonies

Analogous

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



37.5274, -5.7989, 15.7956



37.5266, -13.8512, 13.1948



37.5274, -18.4201, 7.2832

Triad

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



37.5274, -13.8520, 13.1952



37.5274, -7.7823, -19.5351



37.5274, 18.5036, 5.5430

Complementary

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



37.5266, -13.8512, 13.1948



28.8900, 12.2931, -13.4441

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.



37.5274, 17.8310, -4.0829



37.5266, -13.8512, 13.1948



37.5274, 1.9472, -20.3543

Square

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



37.5274, -13.8520, 13.1952



37.5274, -15.1741, -12.1184



37.5274, 11.5240, -14.1303



37.5274, 13.2764, 12.2067

Rectangle

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



37.5266, -13.8512, 13.1948



37.5274, -19.1940, 1.4884



37.5274, 11.5240, -14.1303



37.5274, 18.9736, 2.5887

Sweetspot

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



37.5274, -13.8520, 13.1952



52.0894, -8.1777, 8.1706



35.2152, -0.3124, 11.3714



25.4789, -4.2327, 4.2215



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.5274, -13.8520, 13.1952



49.0529, -21.3886, 19.9970



36.7394, -16.7050, 11.1144



19.5410, -2.6612, 2.6696



37.3543, -28.2023, 22.5238



83.0962, -64.0980, 50.0814

Inverse Universe

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



28.8900, 12.2931, -13.4441



35.1425, 20.9558, -23.4125



30.2463, 15.9482, -8.5318



18.4228, 0.6937, -0.7180



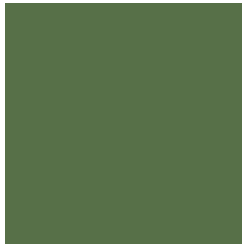
16.8661, 36.9021, -51.2586



36.9678, 81.5320, -117.3777

Previews

White Background



This preview shows how the HunterLab color 37.5266, -13.8512, 13.1948 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 37.5266, -13.8512, 13.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

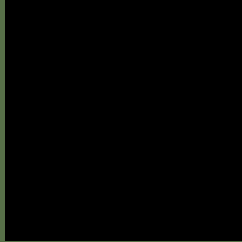
Any Text WCAG AA × Fail

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 37.5266, -13.8512, 13.1948 Background



This preview shows how black text looks on a background with the HunterLab color 37.5266, -13.8512, 13.1948.



This preview shows how white text looks on a background with the HunterLab color 37.5266,

-13.8512, 13.1948.

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

37.5266, -13.8512, 13.1948

Protanopia

37.5636, -3.6513, 14.1959

Deuteranopia

37.2927, 2.4153, 12.4388



Tritanopia

37.5937, -4.2138, -2.4891

Trichromacy



Original Color

37.5266, -13.8512, 13.1948

Protanomaly

37.5638, -7.8726, 13.8631

Deuteranomaly

37.1141, -3.6676, 12.4558

Tritanomaly

37.4997, -8.3367, 4.2975

Monochromacy



Original Color

37.5266, -13.8512, 13.1948

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1548, -6.4198, 6.3036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5266, -13.8512, 13.1948 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(87, 112, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 112, 72)  
}
```

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(87, 112, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 112, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5266, -13.8512, 13.1948 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(87, 112, 72) }
```


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

```
.border{ border-color:rgb(87, 112, 72) }
```

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

Here you see how a box with a 4 pixel rgb(87, 112, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 112, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 112, 72);  
box-shadow:4px 4px 4px 4px rgb(87, 112,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5266, -13.8512, 13.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 112, 72) }
```

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

```
.background{ background-color: rgb(87, 112,  
72) }
```

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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