

Converting Colors

HunterLab(37.7232, -17.8231,
17.2865)

Have a look what the booklet for
HunterLab(37.7232, -17.8231,
17.2865) contains.

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Color

**HunterLab(37.7977,
-17.9117, 17.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	517337
RGB	81, 115, 55
RGB Percent	32%, 45%, 22%
CMY	0.6824, 0.5490, 0.7843
CMYK	0.30, 0.00, 0.52, 0.55
HSL	94°, 35%, 33%
HSV	94°, 52%, 45%
XYZ	10.2137, 14.2867, 5.8337
YIQ	97.9940, -1.0040, -25.8680

Conversions

Conversions Part 2

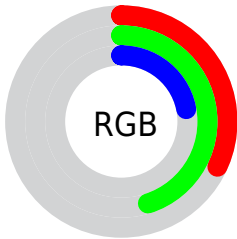
Format	Color
RYB	55, 115, 89
Decimal	5337911
CIELab	44.64, -23.67, 29.16
CIELCh	45, 37.557, 129.075
Yxy	14.2873, 0.3367, 0.4710
Android (android.graphics.Color)	4283527991 (0xFF517337)
YUV	97.9940, -21.1960, -14.9037
Hunter-Lab	37.7977, -17.9117, 17.3075

Details

The HunterLab color $[37.7977, -17.9117, 17.3075]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.6870, 18.8442, -23.4143]$, and the grayscale version is $[35.0240, -1.8688, 1.9029]$.

A 20% lighter version of the original color is $[57.8984, -21.8347, 22.1541]$, and $[20.8691, -13.6134, 11.9684]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3032, -20.1200, 18.9241]$, and if you desaturate by 10%, it is $[38.3570, -15.4309, 15.2776]$.

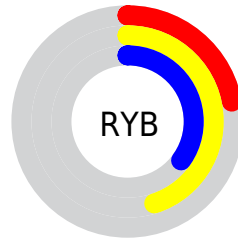
Distribution



Red (32%)

Green (45%)

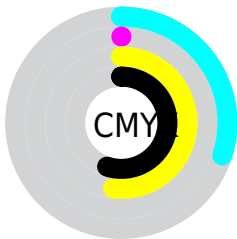
Blue (22%)



Red (22%)

Yellow (45%)

Blue (35%)

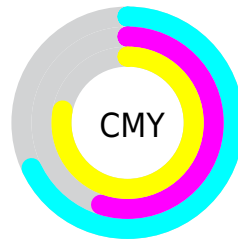


Cyan (30%)

Magenta (0%)

Yellow (52%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7977, -17.9117, 17.3075 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 37.7977, -17.9117, 17.3075 by changing the saturation by 10% instead.

■ 37.7977, -17.9117,
17.3075

■ 37.7977, -17.9117,
17.3075

147.9901,
-34.3775, 36.7531

■ 28.8457, -15.7990,
14.6890

■ 57.9637, -21.8515,
22.1043

■ 20.7385, -13.5312,
11.8526

■ 69.0730, -23.7270,
24.3507

■ 13.5766, -11.0235,
9.5036

■ 80.8133, -25.5604,
26.5257

■ 7.1688, -12.5454,
5.0181

■ 93.1524, -27.3619,
28.6446

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0624,
-29.1392, 30.7187

0.0000, NaN, NaN

■ 119.5193,

0.0000, NaN, NaN

-30.8979, 32.7571

0.0000, NaN, NaN

133.5015,
-32.6428, 34.7667

■ 37.7977, -17.9117,
17.3075

■ 37.7977, -17.9117,
17.3075

■ 37.3032, -20.1200,
18.9241

■ 38.3570, -15.4309,
15.2776

■ 36.8702, -22.0485,
20.1356

■ 38.9791, -12.6842,
12.8325

■ 36.4977, -23.6984,
20.9613

■ 39.6645, -9.6848,
9.9780

■ 36.1830, -25.0769,
21.4333

■ 40.4126, -6.4475,
6.7251

■ 35.9665, -26.0264,
21.7068

■ 41.2224, -2.9887,
3.0889

■ 42.0926, 0.6741,
-0.9121

■ 43.0215, 4.5232,
-5.2575

■ 44.0075, 8.5407,
-9.9253

■ 45.0485, 12.7096,
-14.8931

Harmonies

Analogous

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



37.7985, -6.2808, 19.9023



37.7977, -17.9117, 17.3075



37.7985, -24.5282, 10.2955

Triad

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



37.7985, -17.9125, 17.3078



37.7985, -11.3932, -31.6662



37.7985, 29.3337, 5.9745

Complementary

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



37.7977, -17.9117, 17.3075



24.6870, 18.8442, -23.4143

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.



37.7985, 27.4207, -8.5901



37.7977, -17.9117, 17.3075



37.7985, 2.4407, -34.2084

Square

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



37.7985, -17.9125, 17.3078



37.7985, -21.1736, -18.5538



37.7985, 17.0310, -24.5779



37.7985, 21.9232, 15.1628

Rectangle

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



37.7977, -17.9117, 17.3075



37.7985, -25.8772, 2.4795



37.7985, 17.0310, -24.5779



37.7985, 29.7808, 1.6306

Sweetspot

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



37.7985, -17.9125, 17.3078



53.6423, -10.5050, 10.9117



33.2656, 2.5958, 14.1011



26.1226, -5.4682, 5.6684



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.



37.7985, -17.9125, 17.3078



49.7652, -27.5989, 25.7753



36.5926, -22.5923, 15.4480



20.4172, -2.7075, 2.8278



38.4387, -27.8941, 23.1974



84.5665, -62.7730, 51.0105

Inverse Universe

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



24.6870, 18.8442, -23.4143



28.7889, 32.0396, -41.5158



27.4323, 25.5623, -15.1544



19.1903, 0.6528, -0.8007



16.4123, 36.7284, -56.2295



35.5146, 80.2363, -127.5636

Previews

White Background



This preview shows how the HunterLab color 37.7977, -17.9117, 17.3075 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 37.7977, -17.9117, 17.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

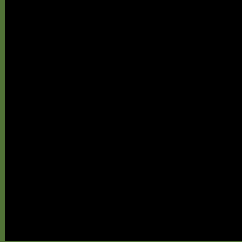
Any Text WCAG AA × Fail

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 37.7977, -17.9117, 17.3075 Background



This preview shows how black text looks on a background with the HunterLab color 37.7977, -17.9117, 17.3075.



This preview shows how white text looks on a background with the HunterLab color 37.7977,

-17.9117, 17.3075.

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

37.7977, -17.9117, 17.3075

Protanopia

37.5021, -4.3526, 17.8961

Deuteranopia

37.4424, 2.4040, 16.5619



Tritanopia

37.6605, -5.2854, -3.3817

Trichromacy



Original Color

37.7977, -17.9117, 17.3075

Protanomaly

37.5205, -9.9767, 17.6229

Deuteranomaly

37.1324, -5.5135, 16.3926

Tritanomaly

37.6872, -10.8438, 6.3730

Monochromacy



Original Color

37.7977, -17.9117, 17.3075

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.7563, -8.2246, 8.6523

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7977, -17.9117, 17.3075 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(81, 115, 55)` looks like.

```
.text, #text, p{  
    color:rgb(81, 115, 55)  
}
```

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(81, 115, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 115, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7977, -17.9117, 17.3075 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(81, 115, 55) }
```


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

```
.border{ border-color:rgb(81, 115, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 115, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 115, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 115, 55);  
box-shadow:4px 4px 4px 4px rgb(81, 115,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7977, -17.9117, 17.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 115, 55) }
```

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

```
.background{ background-color: rgb(81, 115,  
55) }
```

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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