

Converting Colors

HunterLab(37.8646, -22.3205,
17.8524)

Have a look what the booklet for
HunterLab(37.8646, -22.3205,
17.8524) contains.

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Color

**HunterLab(37.8986,
-22.3081, 17.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	427634
RGB	66, 118, 52
RGB Percent	26%, 46%, 20%
CMY	0.7412, 0.5372, 0.7961
CMYK	0.44, 0.00, 0.56, 0.54
HSL	107°, 39%, 33%
HSV	107°, 56%, 46%
XYZ	9.3450, 14.3630, 5.5286
YIQ	94.9280, -9.8060, -31.5500

Conversions

Conversions Part 2

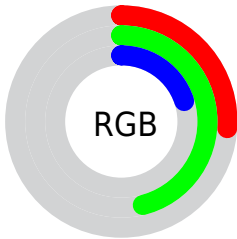
Format	Color
R_{YB}	52, 118, 104
Decimal	4355636
CIE _{Lab}	44.75, -31.08, 30.68
CIE _{LCh}	45, 43.671, 135.369
Yxy	14.3637, 0.3196, 0.4913
Android (android.graphics.Color)	4282545716 (0xFF427634)
YUV	94.9280, -21.1635, -25.3699
Hunter-Lab	37.8986, -22.3081, 17.8798

Details

The HunterLab color $[37.8986, -22.3081, 17.8798]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.8989, 25.0300, -22.8420]$, and the grayscale version is $[33.8811, -1.8078, 1.8408]$.

A 20% lighter version of the original color is $[58.1617, -27.5146, 23.0668]$, and $[20.8403, -16.7565, 12.2215]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3807, -24.6571, 19.3894]$, and if you desaturate by 10%, it is $[38.5140, -19.5533, 15.9681]$.

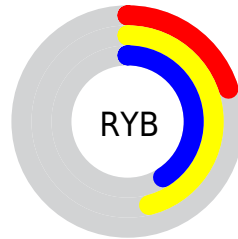
Distribution



Red (26%)

Green (46%)

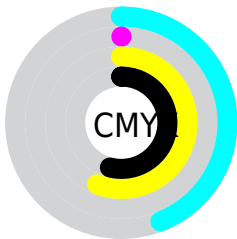
Blue (20%)



Red (20%)

Yellow (46%)

Blue (41%)

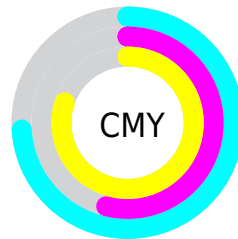


Cyan (44%)

Magenta (0%)

Yellow (56%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8986, -22.3081, 17.8798 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 37.8986, -22.3081, 17.8798 by changing the saturation by 10% instead.

■ 37.8986, -22.3081,
17.8798

■ 37.8986, -22.3081,
17.8798

148.1491,
-42.2801, 38.0917

■ 28.9379, -19.6388,
15.1411

■ 58.0800, -27.2106,
22.8879

■ 20.8211, -16.7408,
12.1873

■ 69.1963, -29.5134,
25.2283

■ 13.6484, -13.5086,
9.5539

■ 80.9432, -31.7469,
27.4912

■ 7.2516, -12.6903,
5.0761

■ 93.2886, -33.9258,
29.6926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2047,
-36.0608, 31.8448

0.0000, NaN, NaN

■ 119.6673,

0.0000, NaN, NaN

-38.1607, 33.9573

0.0000, NaN, NaN

133.6551,
-40.2320, 36.0376

■ 37.8986, -22.3081,
17.8798

■ 37.8986, -22.3081,
17.8798

■ 37.3807, -24.6571,
19.3894

■ 38.5140, -19.5533,
15.9681

■ 36.9557, -26.5909,
20.5032

■ 39.2252, -16.4067,
13.6573

■ 36.6208, -28.1136,
21.2410

■ 40.0327, -12.8920,
10.9599

■ 36.3681, -29.2560,
21.6729

■ 40.9353, -9.0372,
7.8949

■ 36.2829, -29.6462,
21.8383

■ 41.9309, -4.8735,
4.4861

■ 43.0169, -0.4333,
0.7603

■ 44.1899, 4.2509,
-3.2543

■ 45.4466, 9.1476,
-7.5289

■ 46.7831, 14.2275,
-12.0358

Harmonies

Analogous

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



37.8994, -10.1794, 21.2982



37.8986, -22.3081, 17.8798



37.8994, -28.3990, 9.0075

Triad

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



37.8994, -22.3088, 17.8801



37.8994, -9.8127, -41.0997



37.8994, 34.2518, 9.3107

Complementary

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



37.8986, -22.3081, 17.8798



25.8989, 25.0300, -22.8420

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.



37.8994, 34.3964, -6.5097



37.8986, -22.3081, 17.8798



37.8994, 6.8847, -40.8988

Square

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



37.8994, -22.3088, 17.8801



37.8994, -22.0807, -26.8169



37.8994, 23.6947, -26.3492



37.8994, 23.3283, 18.0188

Rectangle

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



37.8986, -22.3081, 17.8798



37.8994, -29.0299, -0.9139



37.8994, 23.6947, -26.3492



37.8994, 35.6180, 4.8164

Sweetspot

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



37.8994, -22.3088, 17.8801



54.0934, -12.7729, 11.1047



37.3370, -3.1329, 17.7926



25.8498, -6.4975, 5.6237



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.



37.8994, -22.3088, 17.8801



49.4000, -33.4517, 26.1658



37.6014, -22.9699, 13.4469



20.3278, -3.0260, 2.7245



37.7314, -30.8624, 22.7096



83.1060, -68.9226, 50.0029

Inverse Universe

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



25.8989, 25.0300, -22.8420



30.7721, 40.7679, -38.3910



26.8599, 25.8725, -9.2205



19.2890, 0.9865, -0.6695



19.8137, 41.0733, -42.5581



43.3042, 90.0835, -95.4560

Previews

White Background



This preview shows how the HunterLab color 37.8986, -22.3081, 17.8798 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 37.8986, -22.3081, 17.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

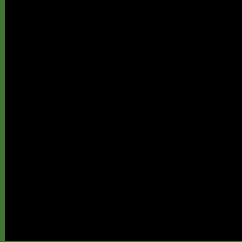
Any Text WCAG AA × Fail

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 37.8986, -22.3081, 17.8798 Background



This preview shows how black text looks on a background with the HunterLab color 37.8986, -22.3081, 17.8798.



This preview shows how white text looks on a background with the HunterLab color 37.8986,

-22.3081, 17.8798.

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

37.8986, -22.3081, 17.8798

Protanopia

37.8198, -4.7163, 18.8381

Deuteranopia

37.5192, 2.6076, 17.0478



Tritanopia

37.8743, -8.7043, -4.6312

Trichromacy



Original Color

37.8986, -22.3081, 17.8798

Protanomaly

37.3768, -12.0779, 18.2107

Deuteranomaly

37.2228, -8.1167, 17.0372

Tritanomaly

37.8374, -14.7615, 6.0921

Monochromacy



Original Color

37.8986, -22.3081, 17.8798

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.8566, -10.2108, 8.7174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8986, -22.3081, 17.8798 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(66, 118, 52)` looks like.

```
.text, #text, p{  
    color:rgb(66, 118, 52)  
}
```

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(66, 118, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 118, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8986, -22.3081, 17.8798 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(66, 118, 52) }
```


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

```
.border{ border-color:rgb(66, 118, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 118, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 118, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 118, 52);  
box-shadow:4px 4px 4px 4px rgb(66, 118,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8986, -22.3081, 17.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 118, 52) }
```

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

```
.background{ background-color: rgb(66, 118,  
52) }
```

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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