

Converting Colors

HunterLab(41.9086, -18.0988,
25.5071)

Have a look what the booklet for
HunterLab(41.9086, -18.0988,
25.5071) contains.

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Color

**HunterLab(41.8937,
-18.2342, 25.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	677D00
RGB	103, 125, 0
RGB Percent	40%, 49%, 0%
CMY	0.5961, 0.5098, 1.0000
CMYK	0.18, 0.00, 1.00, 0.51
HSL	71°, 100%, 25%
HSV	71°, 100%, 49%
XYZ	12.9271, 17.5508, 2.7063
YIQ	104.1720, 27.0130, -43.5390

Conversions

Conversions Part 2

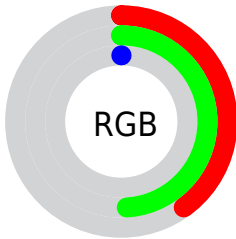
Format	Color
RYB	0, 125, 22
Decimal	6782208
CIELab	48.95, -22.81, 53.61
CIELCh	49, 58.260, 113.050
Yxy	17.5516, 0.3896, 0.5289
Android (android.graphics.Color)	4284972288 (0xFF677D00)
YUV	104.1720, -51.3568, -1.0278
Hunter-Lab	41.8937, -18.2342, 25.4955

Details

The HunterLab color $41.8937, -18.2342, 25.4955$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $12.8515, 33.5269, -81.0094$, and the grayscale version is $37.4534, -1.9984, 2.0349$.

A 20% lighter version of the original color is $62.7619, -22.2948, 33.5589$, and $24.2336, -13.3163, 14.6995$ is the 20% darker color. If you saturate the color by 10%, you get $41.8945, -18.2359, 25.4960$, and if you desaturate by 10%, it is $42.0847, -17.4374, 25.1138$.

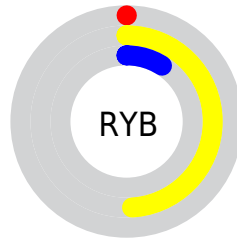
Distribution



Red (40%)

Green (49%)

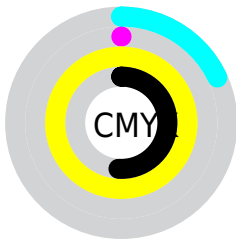
Blue (0%)



Red (0%)

Yellow (49%)

Blue (9%)

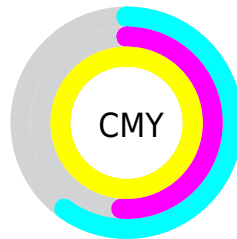


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8937, -18.2342, 25.4955 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 41.8937, -18.2342, 25.4955 by changing the saturation by 10% instead.

■ 41.8937, -18.2342,
25.4955

■ 41.8937, -18.2342,
25.4955

154.3799,
-34.1767, 57.1666

■ 32.6015, -16.2331,
21.0992

■ 62.6672, -22.0060,
33.5586

■ 24.1198, -14.1076,
16.8839

■ 74.0525, -23.8142,
37.2955

■ 16.5364, -11.7960,
11.5755

■ 86.0543, -25.5880,
40.8770

■ 9.9738, -10.5701,
6.9816

■ 98.6423, -27.3358,
44.3277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.7906,
-29.0641, 47.6671


0.0000, NaN, NaN


■ 125.4762,


0.0000, NaN, NaN


-30.7779, 50.9115


0.0000, NaN, NaN


 139.6786,
-32.4810, 54.0744


 41.8937, -18.2342,
25.4955


 41.8937, -18.2342,
25.4955


 41.8945, -18.2359,
25.4960

 42.0847, -17.4374,
25.1138

 42.2954, -16.5307,
24.4829

 42.5374, -15.4535,
23.4425

 42.8137, -14.1917,
21.9529

 43.1266, -12.7359,
19.9847

■ 43.4777, -11.0795,
17.5169

■ 43.8684, -9.2192,
14.5353

■ 44.2998, -7.1538,
11.0323

■ 44.7726, -4.8847,
7.0054

Harmonies

Analogous

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



41.8946, 3.2682, 26.2685



41.8937, -18.2342, 25.4955



41.8946, -32.1305, 20.5472

Triad

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



41.8946, -18.2354, 25.4957



41.8946, -25.7151, -47.4267



41.8946, 51.5396, -3.1558

Complementary

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



41.8937, -18.2342, 25.4955



12.8515, 33.5269, -81.0094

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.



41.8946, 39.4517, -31.8586



41.8937, -18.2342, 25.4955



41.8946, -7.4731, -64.9909

Square

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



41.8946, -18.2354, 25.4957



41.8946, -35.7509, -17.8437



41.8946, 16.5917, -58.1273



41.8946, 46.9146, 15.6705

Rectangle

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



41.8937, -18.2342, 25.4955



41.8946, -36.7969, 12.8150



41.8946, 16.5917, -58.1273



41.8946, 49.2224, -11.9875

Sweetspot

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



41.8946, -18.2354, 25.4957



58.6626, -12.5281, 19.7660



22.1150, 31.7078, 14.1816



27.8900, -6.3951, 10.1109



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.8946, -18.2354, 25.4957



56.0112, -24.5960, 34.0833



38.9274, -30.1756, 23.4583



22.3212, -2.3289, 3.3008



42.7958, -18.6417, 26.0442

0.0000, NaN, NaN

Inverse Universe

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



12.8515, 33.5269, -81.0094



17.0552, 44.7538, -109.4910



18.2629, 39.3811, -51.0487



20.6042, 0.1035, -1.1525



13.1189, 34.2459, -82.8353

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.8937, -18.2342, 25.4955 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 41.8937, -18.2342, 25.4955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

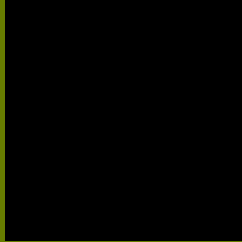
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.8937, -18.2342, 25.4955 Background



This preview shows how black text looks on a background with the HunterLab color 41.8937, -18.2342, 25.4955.



This preview shows how white text looks on a background with the HunterLab color 41.8937, -18.2342, 25.4955.

-18.2342, 25.4955.

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

41.8937, -18.2342, 25.4955

Protanopia

41.6126, -5.8813, 25.5385

Deuteranopia

41.6182, 2.5462, 24.6082



Tritanopia

41.8117, -1.6319, -1.7770

Trichromacy



Original Color

41.8937, -18.2342, 25.4955

Protanomaly

41.5435, -10.4763, 25.4155

Deuteranomaly

41.2783, -5.5739, 24.7412

Tritanomaly

41.2602, -10.1180, 14.3414

Monochromacy



Original Color

41.8937, -18.2342, 25.4955

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.6326, -9.9138, 15.7213

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8937, -18.2342, 25.4955 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(103, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 125, 0)  
}
```

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(103, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 125, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8937, -18.2342, 25.4955 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(103, 125, 0) }
```


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

```
.border{ border-color:rgb(103, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 125,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8937, -18.2342, 25.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 125, 0) }
```

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

```
.background{ background-color: rgb(103,  
125, 0) }
```

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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