

Converting Colors

HunterLab(37.7977, -25.7464,
18.0494)

Have a look what the booklet for
HunterLab(37.7977, -25.7464,
18.0494) contains.

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Color

**HunterLab(37.8368,
-25.8369, 18.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	317832
RGB	49, 120, 50
RGB Percent	19%, 47%, 20%
CMY	0.8078, 0.5294, 0.8039
CMYK	0.59, 0.00, 0.58, 0.53
HSL	121°, 42%, 33%
HSV	121°, 59%, 47%
XYZ	8.5589, 14.3162, 5.3299
YIQ	90.7910, -19.8460, -36.8220

Conversions

Conversions Part 2

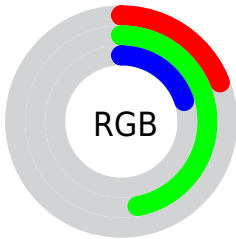
Format	Color
R_{YB}	49, 119, 120
Decimal	3242034
CIE _{Lab}	44.68, -37.45, 31.46
CIE _{LCh}	45, 48.917, 139.968
Yxy	14.3168, 0.3035, 0.5076
Android (android.graphics.Color)	4281432114 (0xFF317832)
YUV	90.7910, -20.1100, -36.6507
Hunter-Lab	37.8368, -25.8369, 18.1339

Details

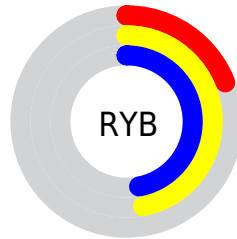
The HunterLab color $37.8368, -25.8369, 18.1339$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $27.4260, 31.2395, -20.2836$, and the grayscale version is $32.3452, -1.7259, 1.7574$.

A 20% lighter version of the original color is $58.0108, -31.5425, 23.3837$, and $20.9397, -17.8810, 12.4273$ is the 20% darker color. If you saturate the color by 10%, you get $37.3737, -27.9959, 19.6073$, and if you desaturate by 10%, it is $38.4339, -23.1092, 16.2846$.

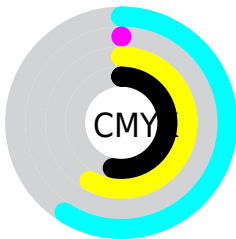
Distribution



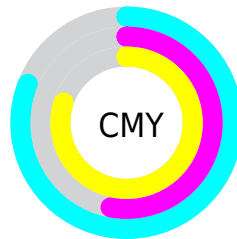
- Red (19%)
- Green (47%)
- Blue (20%)



- Red (19%)
- Yellow (47%)
- Blue (47%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8368, -25.8369, 18.1339 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 37.8368, -25.8369, 18.1339 by changing the saturation by 10% instead.

■ 37.8368, -25.8369,
18.1339

■ 37.8368, -25.8369,
18.1339

148.0517,
-48.9050, 38.7493

■ 28.8814, -22.6712,
15.3308

■ 58.0088, -31.5948,
23.2542

■ 20.7705, -19.2098,
12.3254

■ 69.1208, -34.2759,
25.6443

■ 13.6044, -15.5319,
9.5231

■ 80.8636, -36.8628,
27.9535

■ 7.2010, -12.6017,
5.0407

■ 93.2051, -39.3743,
30.1983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.1175,
-41.8245, 32.3915

0.0000, NaN, NaN

■ 119.5766,

0.0000, NaN, NaN

-44.2242, 34.5427

0.0000, NaN, NaN

133.5610,
-46.5821, 36.6599

■ 37.8368, -25.8369,
18.1339

■ 37.8368, -25.8369,
18.1339

■ 37.3737, -27.9959,
19.6073

■ 38.4339, -23.1092,
16.2846

■ 37.0356, -29.5901,
20.7065

■ 39.1663, -19.8247,
14.0693

■ 36.8133, -30.6490,
21.4489

■ 40.0358, -16.0137,
11.5087

■ 36.6686, -31.3410,
21.9220

■ 41.0417, -11.7180,
8.6314

■ 36.6568, -31.3971,
21.9595

■ 42.1810, -6.9868,
5.4707

■ 43.4498, -1.8731,
2.0621

■ 44.8428, 3.5695,
-1.5585

■ 46.3542, 9.2897,
-5.3572

■ 47.9777, 15.2403,
-9.3025

Harmonies

Analogous

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



37.8376, -13.5513, 22.1835



37.8368, -25.8369, 18.1339



37.8376, -31.3562, 7.5552

Triad

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



37.8376, -25.8375, 18.1341



37.8376, -8.0930, -49.5936



37.8376, 38.1289, 11.9908

Complementary

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



37.8368, -25.8369, 18.1339



27.4260, 31.2395, -20.2836

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.



37.8376, 40.3766, -4.4082



37.8368, -25.8369, 18.1339



37.8376, 11.0804, -46.3651

Square

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



37.8376, -25.8375, 18.1341



37.8376, -22.5123, -34.6852



37.8376, 29.6933, -27.2696



37.8376, 24.0439, 20.0223

Rectangle

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



37.8368, -25.8369, 18.1339



37.8376, -31.3609, -4.3636



37.8376, 29.6933, -27.2696



37.8376, 40.3865, 7.5229

Sweetspot

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



37.8376, -25.8375, 18.1341



54.5323, -15.1034, 11.1546



42.0102, -9.7100, 21.6154



26.3801, -8.0580, 5.9022



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.8376, -25.8375, 18.1341



49.3853, -37.9674, 26.5797



38.3856, -22.5172, 10.1438



21.0969, -3.4738, 2.7223



38.2863, -32.7945, 22.9394



83.6132, -71.6650, 50.1949

Inverse Universe

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



27.4260, 31.2395, -20.2836



33.5277, 49.9246, -32.5232



26.1494, 25.6700, -2.6893



20.1906, 1.3748, -0.5462



24.0644, 47.1731, -30.6664



52.5473, 102.9913, -66.8377

Previews

White Background



This preview shows how the HunterLab color 37.8368, -25.8369, 18.1339 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 37.8368, -25.8369, 18.1339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

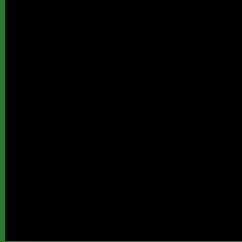
Any Text WCAG AA × Fail

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 37.8368, -25.8369, 18.1339 Background



This preview shows how black text looks on a background with the HunterLab color 37.8368, -25.8369, 18.1339.



This preview shows how white text looks on a background with the HunterLab color 37.8368,

-25.8369, 18.1339.

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

37.8368, -25.8369, 18.1339

Protanopia

37.5160, -4.4592, 19.1156

Deuteranopia

37.5060, 2.5370, 17.2410



Tritanopia

37.9126, -11.4271, -5.6328

Trichromacy



Original Color

37.8368, -25.8369, 18.1339

Protanomaly

36.9221, -13.8385, 18.1904

Deuteranomaly

36.7302, -9.9501, 16.8252

Tritanomaly

37.8100, -17.9183, 5.6315

Monochromacy



Original Color

37.8368, -25.8369, 18.1339

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.0015, -12.0639, 8.8176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8368, -25.8369, 18.1339 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(49, 120, 50)` looks like.

```
.text, #text, p{  
    color:rgb(49, 120, 50)  
}
```

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(49, 120, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 120, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8368, -25.8369, 18.1339 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(49, 120, 50) }
```


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

```
.border{ border-color:rgb(49, 120, 50) }
```

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

Here you see how a box with a 4 pixel rgb(49, 120, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 120, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 120, 50);  
box-shadow:4px 4px 4px 4px rgb(49, 120,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8368, -25.8369, 18.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 120, 50) }
```

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

```
.background{ background-color: rgb(49, 120,  
50) }
```

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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