

Converting Colors

HunterLab(37.5292, -25.5263,
18.3290)

Have a look what the booklet for
HunterLab(37.5292, -25.5263,
18.3290) contains.

HunterLab(37.5302, -25.5086, 18.2618)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.5302,
-25.5086, 18.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	327730
RGB	50, 119, 48
RGB Percent	20%, 47%, 19%
CMY	0.8039, 0.5333, 0.8118
CMYK	0.58, 0.00, 0.60, 0.53
HSL	118°, 43%, 33%
HSV	118°, 60%, 47%
XYZ	8.4457, 14.0852, 5.0699
YIQ	90.2750, -18.3330, -36.7090

Conversions

Conversions Part 2

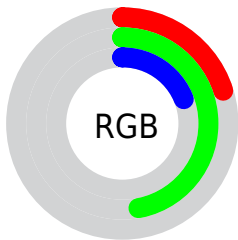
Format	Color
RYB	48, 119, 117
Decimal	3307312
CIELab	44.36, -37.03, 32.11
CIELCh	44, 49.013, 139.073
Yxy	14.0857, 0.3060, 0.5103
Android (android.graphics.Color)	4281497392 (0xFF327730)
YUV	90.2750, -20.8416, -35.3212
Hunter-Lab	37.5302, -25.5086, 18.2618

Details

The HunterLab color **37.5302, -25.5086, 18.2618** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26.8853, 30.7873, -21.3845**, and the grayscale version is **32.1567, -1.7158, 1.7471**.

A 20% lighter version of the original color is **57.6482, -31.3481, 23.5922**, and **20.6307, -17.6908, 12.4028** is the 20% darker color. If you saturate the color by 10%, you get **37.0710, -27.6413, 19.6766**, and if you desaturate by 10%, it is **38.1177, -22.8293, 16.4599**.

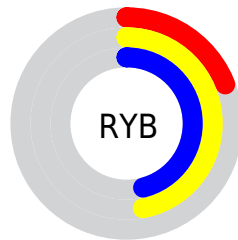
Distribution



Red (20%)

Green (47%)

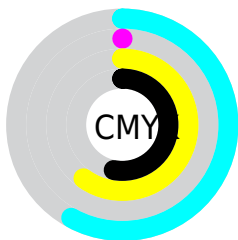
Blue (19%)



Red (19%)

Yellow (47%)

Blue (46%)

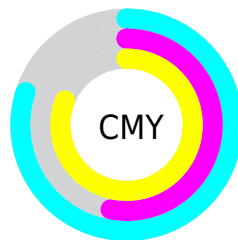


Cyan (58%)

Magenta (0%)

Yellow (60%)

Black (53%)



Cyan (80%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5302, -25.5086, 18.2618 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 37.5302, -25.5086, 18.2618 by changing the saturation by 10% instead.

■ 37.5302, -25.5086,
18.2618

■ 37.5302, -25.5086,
18.2618

147.5682,
-48.3938, 39.2272

■ 28.6013, -22.3681,
15.4001

■ 57.6551, -31.2195,
23.4821

■ 20.5196, -18.9329,
12.3670

■ 68.7458, -33.8786,
25.9157

■ 13.3867, -15.3391,
9.3707

■ 80.4685, -36.4447,
28.2650

■ 6.9440, -12.1521,
4.8608

■ 92.7908, -38.9361,
30.5472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6849,
-41.3670, 32.7754

0.0000, NaN, NaN

■ 119.1264,

0.0000, NaN, NaN

-43.7482, 34.9597

0.0000, NaN, NaN

133.0938,
-46.0881, 37.1081

■ 37.5302, -25.5086,
18.2618

■ 37.5302, -25.5086,
18.2618

■ 37.0710, -27.6413,
19.6766

■ 38.1177, -22.8293,
16.4599

■ 36.7318, -29.2305,
20.7096

■ 38.8344, -19.6151,
14.2774

■ 36.5043, -30.3024,
21.3825

■ 39.6822, -15.8945,
11.7328

■ 36.3582, -30.9980,
21.8423

■ 40.6601, -11.7068,
8.8523

■ 36.3536, -31.0204,
21.8578

■ 41.7656, -7.0982,
5.6676

■ 42.9948, -2.1185,
2.2132

■ 44.3430, 3.1818,
-1.4754

■ 45.8047, 8.7542,
-5.3643

■ 47.3740, 14.5536,
-9.4214

Harmonies

Analogous

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



37.5310, -13.0559, 22.1329



37.5302, -25.5086, 18.2618



37.5310, -31.2075, 7.9701

Triad

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



37.5310, -25.5092, 18.2620



37.5310, -8.5856, -49.5140



37.5310, 38.4246, 11.5968

Complementary

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



37.5302, -25.5086, 18.2618



26.8853, 30.7873, -21.3845

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.



37.5310, 40.2720, -5.0430



37.5302, -25.5086, 18.2618



37.5310, 10.4949, -46.8533

Square

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



37.5310, -25.5092, 18.2620



37.5310, -22.7907, -34.1207



37.5310, 29.2413, -28.0161



37.5310, 24.6010, 19.7964

Rectangle

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



37.5302, -25.5086, 18.2618



37.5310, -31.3416, -3.7670



37.5310, 29.2413, -28.0161



37.5310, 40.5560, 7.0508

Sweetspot

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



37.5310, -25.5092, 18.2620



54.5788, -14.9504, 11.3525



40.9553, -8.6468, 21.0366



26.4049, -7.9755, 6.0074



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.



37.5310, -25.5092, 18.2620



49.3985, -37.9611, 26.9670



37.9720, -22.7032, 10.8042



20.2550, -3.2866, 2.6401



37.4696, -31.9777, 22.5288



82.6768, -70.7542, 49.7064

Inverse Universe

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



26.8853, 30.7873, -21.3845



32.9655, 49.9033, -35.0233



25.8958, 25.9528, -3.6829



19.3725, 1.2678, -0.5588



23.0951, 45.6780, -32.5720



50.9183, 100.7417, -72.0776

Previews

White Background



This preview shows how the HunterLab color 37.5302, -25.5086, 18.2618 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 37.5302, -25.5086, 18.2618 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 37.5302, -25.5086, 18.2618 Background



This preview shows how black text looks on a background with the HunterLab color 37.5302, -25.5086, 18.2618.



This preview shows how white text looks on a background with the HunterLab color 37.5302, -25.5086, 18.2618.

-25.5086, 18.2618.

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

37.5302, -25.5086, 18.2618

Protanopia

37.4139, -4.8419, 19.1934

Deuteranopia

37.1204, 2.5041, 17.3428



Tritanopia

37.6326, -11.0248, -5.5034

Trichromacy



Original Color

37.5302, -25.5086, 18.2618

Protanomaly

36.9007, -13.9625, 18.5047

Deuteranomaly

36.4216, -9.6834, 16.9846

Tritanomaly

37.4990, -17.6621, 6.0540

Monochromacy



Original Color

37.5302, -25.5086, 18.2618

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.6322, -12.0165, 8.7787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5302, -25.5086, 18.2618 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(50, 119, 48)` looks like.

```
.text, #text, p{  
    color:rgb(50, 119, 48)  
}
```

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(50, 119, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 119, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5302, -25.5086, 18.2618 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(50, 119, 48) }
```


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

```
.border{ border-color:rgb(50, 119, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 119, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 119, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 119, 48);  
box-shadow:4px 4px 4px 4px rgb(50, 119,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5302, -25.5086, 18.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 119, 48) }
```

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

```
.background{ background-color: rgb(50, 119,  
48) }
```

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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