

Converting Colors

HunterLab(37.5294, -18.6415,
2.3404)

Have a look what the booklet for
HunterLab(37.5294, -18.6415,
2.3404) contains.

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Color

**HunterLab(37.5159,
-18.7111, 2.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7467
RGB	47, 116, 103
RGB Percent	18%, 45%, 40%
CMY	0.8157, 0.5451, 0.5961
CMYK	0.59, 0.00, 0.11, 0.55
HSL	169°, 42%, 32%
HSV	169°, 59%, 45%
XYZ	9.8659, 14.0744, 15.0287
YIQ	93.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

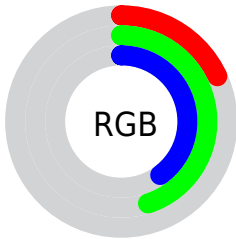
Format	Color
R_{YB}	47, 85, 116
Decimal	3109991
CIE Lab	44.34, -25.10, 0.67
CIE LCh	44, 25.111, 178.460
Yxy	14.0750, 0.2532, 0.3612
Android (android.graphics.Color)	4281300071 (0xFF2F7467)
YUV	93.8870, 4.4927, -41.1199
Hunter-Lab	37.5159, -18.7111, 2.5099

Details

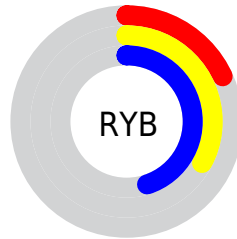
The HunterLab color $[37.5159, -18.7111, 2.5099]$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $[24.6428, 22.3206, 5.2888]$, and the grayscale version is $[33.4088, -1.7826, 1.8152]$.

A 20% lighter version of the original color is $[57.4871, -22.6941, 3.4954]$, and $[20.7360, -12.8655, 1.8546]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.1371, -20.3258, 2.9474]$, and if you desaturate by 10%, it is $[37.9905, -16.7481, 2.1802]$.

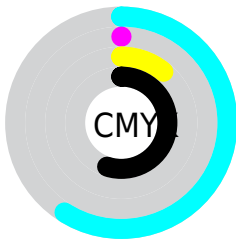
Distribution



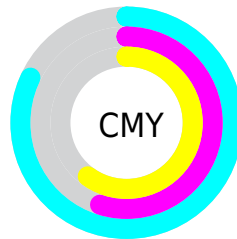
- Red (18%)
- Green (45%)
- Blue (40%)



- Red (18%)
- Yellow (33%)
- Blue (45%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5159, -18.7111, 2.5099 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 37.5159, -18.7111, 2.5099 by changing the saturation by 10% instead.

■ 37.5159, -18.7111,
2.5099

■ 37.5159, -18.7111,
2.5099

147.5455,
-35.8578, 8.7733

■ 28.5882, -16.4875,
1.9833

■ 57.6385, -22.8393,
3.6786

■ 20.5079, -14.0931,
1.4979

■ 68.7282, -24.7981,
4.3152

■ 13.3765, -11.4346,
1.0580

■ 80.4500, -26.7092,
4.9845

■ 6.9318, -12.1306,
0.7808

■ 92.7714, -28.5838,
5.6848

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6646,
-30.4303, 6.4150

0.0000, NaN, NaN

■ 119.1053,

0.0000, NaN, NaN

-32.2549, 7.1738

0.0000, NaN, NaN

133.0719,
-34.0627, 7.9602

■ 37.5159, -18.7111,
2.5099

■ 37.5159, -18.7111,
2.5099

■ 37.1371, -20.3258,
2.9474

■ 37.9905, -16.7481,
2.1802

■ 36.8468, -21.5988,
3.4814

■ 38.5621, -14.4383,
1.9639

■ 36.6383, -22.5499,
4.0996

■ 39.2333, -11.7928,
1.8657

■ 36.4801, -23.3002,
4.7610

■ 40.0046, -8.8290,
1.8876

■ 36.4720, -23.3388,
4.7950

■ 40.8755, -5.5696,
2.0288

■ 41.8443, -2.0406,
2.2868

■ 42.9086, 1.7303,
2.6575

■ 44.0655, 5.7148,
3.1354

■ 45.3114, 9.8855,
3.7142

Harmonies

Analogous

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



37.5166, -16.4586, 10.1063



37.5159, -18.7111, 2.5099



37.5166, -16.8747, -7.3134

Triad

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



37.5166, -18.7114, 2.5104



37.5166, 7.1921, -16.8788



37.5166, 8.1350, 14.1249

Complementary

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



37.5159, -18.7111, 2.5099



24.6428, 22.3206, 5.2888

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.



37.5166, 15.6185, 9.4751



37.5159, -18.7111, 2.5099



37.5166, 15.0368, -8.3385

Square

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



37.5166, -18.7114, 2.5104



37.5166, -2.4979, -20.0589



37.5166, 18.2610, 1.5678



37.5166, -1.5071, 15.6834

Rectangle

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



37.5159, -18.7111, 2.5099



37.5166, -13.4632, -13.5987



37.5166, 18.2610, 1.5678



37.5166, 11.0211, 12.9401

Sweetspot

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



37.5166, -18.7114, 2.5104



53.1506, -11.2799, 2.5145



36.9897, -22.8881, 18.0811



25.8338, -5.9896, 1.2158



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.



37.5166, -18.7114, 2.5104



49.0961, -27.5570, 4.1289



31.7874, -8.2089, -11.3764



20.3569, -2.6973, 1.0138



38.6326, -24.7431, 5.1258



85.2127, -55.0428, 12.3132

Inverse Universe

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



24.6428, 22.3206, 5.2888



29.4418, 36.1826, 9.0800



28.3139, 12.0129, 12.0251



19.2642, 0.6599, 1.1823



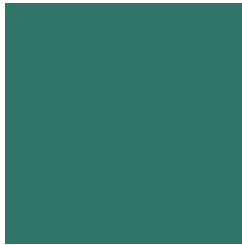
20.5644, 35.5192, 10.9469



45.2896, 78.0145, 25.7403

Previews

White Background



This preview shows how the HunterLab color 37.5159, -18.7111, 2.5099 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 37.5159, -18.7111, 2.5099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

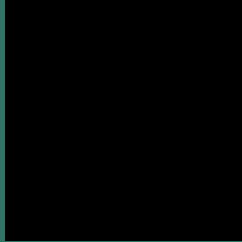
Any Text WCAG AA × Fail

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 37.5159, -18.7111, 2.5099 Background



This preview shows how black text looks on a background with the HunterLab color 37.5159, -18.7111, 2.5099.



This preview shows how white text looks on a background with the HunterLab color 37.5159,

-18.7111, 2.5099.

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

37.5159, -18.7111, 2.5099

Protanopia

37.3273, -1.9803, 5.3887

Deuteranopia

37.2272, 2.2934, 1.2625



Tritanopia

37.4161, -13.2904, -6.3534

Trichromacy



Original Color

37.5159, -18.7111, 2.5099

Protanomaly

36.8842, -9.1234, 3.5930

Deuteranomaly

36.6767, -6.6404, 0.8792

Tritanomaly

37.3848, -15.3989, -2.9566

Monochromacy



Original Color

37.5159, -18.7111, 2.5099

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.5595, -8.9860, 1.7360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5159, -18.7111, 2.5099 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(47, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(47, 116, 103)  
}
```

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(47, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 116, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5159, -18.7111, 2.5099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

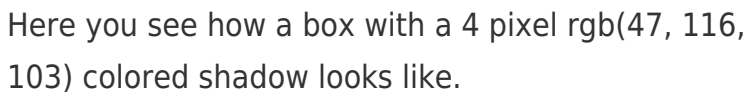
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 116, 103) }
```


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

```
.border{ border-color:rgb(47, 116, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(47, 116,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5159, -18.7111, 2.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 116, 103) }
```

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

```
.background{ background-color: rgb(47, 116,  
103) }
```

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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