

Converting Colors

HunterLab(38.3421, -15.5333,
14.6040)

Have a look what the booklet for
HunterLab(38.3421, -15.5333,
14.6040) contains.

HunterLab(38.3009, -15.5626, 14.6128)	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(38.3009,
-15.5626, 14.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	567345
RGB	86, 115, 69
RGB Percent	34%, 45%, 27%
CMY	0.6627, 0.5490, 0.7294
CMYK	0.25, 0.00, 0.40, 0.55
HSL	98°, 25%, 36%
HSV	98°, 40%, 45%
XYZ	11.0427, 14.6696, 7.8797
YIQ	101.0850, -2.5180, -20.4540

Conversions

Conversions Part 2

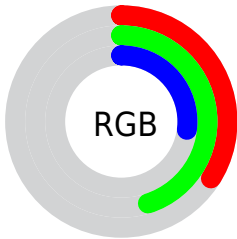
Format	Color
RYB	69, 115, 98
Decimal	5665605
CIELab	45.18, -19.72, 22.14
CIElCh	45, 29.648, 131.703
Yxy	14.6702, 0.3287, 0.4367
Android (android.graphics.Color)	4283855685 (0xFF567345)
YUV	101.0850, -15.8179, -13.2295
Hunter-Lab	38.3009, -15.5626, 14.6128

Details

The HunterLab color $[38.3009, -15.5626, 14.6128]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[28.4449, 14.6075, -16.0263]$, and the grayscale version is $[36.1655, -1.9297, 1.9649]$.

A 20% lighter version of the original color is $[58.5353, -18.8660, 18.3784]$, and $[21.2405, -11.8863, 10.4680]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.7016, -18.2260, 16.7215]$, and if you desaturate by 10%, it is $[38.9730, -12.6132, 12.1000]$.

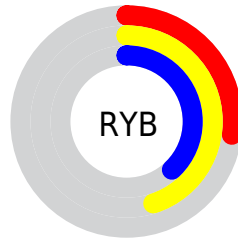
Distribution



Red (34%)

Green (45%)

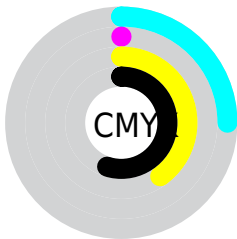
Blue (27%)



Red (27%)

Yellow (45%)

Blue (38%)

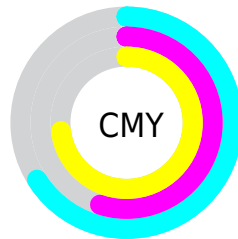


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3009, -15.5626, 14.6128 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 38.3009, -15.5626, 14.6128 by changing the saturation by 10% instead.

■ 38.3009, -15.5626,
14.6128

■ 38.3009, -15.5626,
14.6128

148.7822,
-30.1809, 30.5493

■ 29.3058, -13.7447,
12.5598

■ 58.5437, -18.9941,
18.4315

■ 21.1509, -11.8123,
10.3545

■ 69.6878, -20.6444,
20.2466

■ 13.9351, -9.7006,
8.5540

■ 81.4610, -22.2671,
22.0200

■ 7.5721, -11.7548,
5.3005

■ 93.8314, -23.8700,
23.7620

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7714,
-25.4588, 25.4806

0.0000, NaN, NaN

120.2570,

0.0000, NaN, NaN

-27.0381, 27.1817

0.0000, NaN, NaN

134.2669,
-28.6112, 28.8701

■ 38.3009, -15.5626,
14.6128

■ 38.3009, -15.5626,
14.6128

■ 37.7016, -18.2260,
16.7215

■ 38.9730, -12.6132,
12.1000

■ 37.1724, -20.5881,
18.4222

■ 39.7150, -9.3913,
9.1914

■ 36.7135, -22.6419,
19.7208

■ 40.5266, -5.9167,
5.9019

■ 36.3232, -24.3849,
20.6321

■ 41.4065, -2.2095,
2.2498

■ 35.9988, -25.8222,
21.1834

■ 42.3527, 1.7093,
-1.7435

■ 35.7280, -27.0200,
21.5424

■ 43.3634, 5.8186,
-6.0553

■ 44.4362, 10.0980,
-10.6619

■ 45.5688, 14.5280,
-15.5396

■ 46.7587, 19.0902,
-20.6651

Harmonies

Analogous

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



38.3017, -6.3909, 17.3974



38.3009, -15.5626, 14.6128



38.3017, -20.7130, 8.0698

Triad

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



38.3017, -15.5634, 14.6131



38.3017, -8.6866, -23.4632



38.3017, 21.8657, 6.0775

Complementary

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



38.3009, -15.5626, 14.6128



28.4449, 14.6075, -16.0263

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.



38.3017, 21.0641, -5.0553



38.3009, -15.5626, 14.6128



38.3017, 2.5022, -24.4659

Square

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



38.3017, -15.5634, 14.6131



38.3017, -17.0743, -14.5411



38.3017, 13.6532, -16.9766



38.3017, 15.7300, 13.5235

Rectangle

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



38.3009, -15.5626, 14.6128



38.3017, -21.5839, 1.4600



38.3017, 13.6532, -16.9766



38.3017, 22.4164, 2.6993

Sweetspot

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



38.3017, -15.5634, 14.6131



53.9705, -9.0224, 8.9607



35.6264, 0.0507, 12.5835



26.3090, -4.6279, 4.5879



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.



38.3017, -15.5634, 14.6131



50.5059, -24.1392, 22.1858



37.4523, -18.6727, 12.3917



20.3912, -2.7999, 2.7978



38.1846, -28.9531, 23.0223



84.0252, -65.0375, 50.6373

Inverse Universe

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



28.4449, 14.6075, -16.0263



34.5921, 24.9181, -28.0299



30.0321, 18.7286, -10.0851



19.2185, 0.7485, -0.7631



17.3202, 37.8313, -52.1393



37.5763, 82.7016, -117.9734

Previews

White Background



This preview shows how the HunterLab color 38.3009, -15.5626, 14.6128 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 38.3009, -15.5626, 14.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

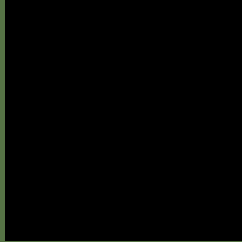
Any Text WCAG AA × Fail

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 38.3009, -15.5626, 14.6128 Background



This preview shows how black text looks on a background with the HunterLab color 38.3009, -15.5626, 14.6128.



This preview shows how white text looks on a background with the HunterLab color 38.3009,

-15.5626, 14.6128.

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

38.3009, -15.5626, 14.6128

Protanopia

38.2384, -4.1617, 15.4976

Deuteranopia

38.1573, 2.5674, 14.0310



Tritanopia

38.2426, -4.5904, -3.0880

Trichromacy



Original Color

38.3009, -15.5626, 14.6128

Protanomaly

38.1580, -8.7015, 15.1095

Deuteranomaly

38.0540, -4.6532, 14.0793

Tritanomaly

38.0961, -9.0406, 4.5524

Monochromacy



Original Color

38.3009, -15.5626, 14.6128

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.7643, -7.1374, 7.2870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3009, -15.5626, 14.6128 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(86, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(86, 115, 69)  
}
```

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(86, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 115, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3009, -15.5626, 14.6128 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(86, 115, 69) }
```


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

```
.border{ border-color:rgb(86, 115, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 115, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(86, 115,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3009, -15.5626, 14.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 115, 69) }
```

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

```
.background{ background-color: rgb(86, 115,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor