

Converting Colors

HunterLab(46.2346, -12.4759,
16.0804)

Have a look what the booklet for
HunterLab(46.2346, -12.4759,
16.0804) contains.

HunterLab(46.2038, -12.6229, 16.1215)	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(46.2038,
-12.6229, 16.1215)**

Conversions

Conversions Part 1

Format	Color
Hex	768559
RGB	118, 133, 89
RGB Percent	46%, 52%, 35%
CMY	0.5373, 0.4784, 0.6510
CMYK	0.11, 0.00, 0.33, 0.48
HSL	80°, 20%, 44%
HSV	80°, 33%, 52%
XYZ	17.6620, 21.3479, 12.6409
YIQ	123.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

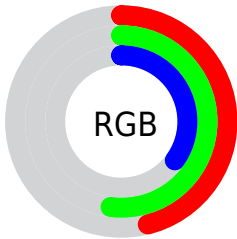
Format	Color
R_{YB}	89, 133, 104
Decimal	7767385
CIE Lab	53.33, -13.51, 21.96
CIE LCh	53, 25.786, 121.588
Yxy	21.3489, 0.3419, 0.4133
Android (android.graphics.Color)	4285957465 (0xFF768559)
YUV	123.4990, -17.0080, -4.8226
Hunter-Lab	46.2038, -12.6229, 16.1215

Details

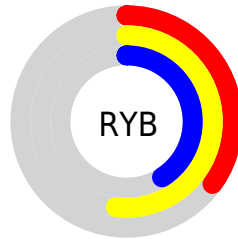
The HunterLab color **46.2038, -12.6229, 16.1215** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **34.3248, 10.2184, -17.0023**, and the grayscale version is **44.7632, -2.3885, 2.4321**.

A 20% lighter version of the original color is **67.5572, -15.1431, 19.9264**, and **27.6155, -9.6508, 11.9406** is the 20% darker color. If you saturate the color by 10%, you get **45.6457, -15.1516, 19.0507**, and if you desaturate by 10%, it is **46.8167, -9.8558, 12.6566**.

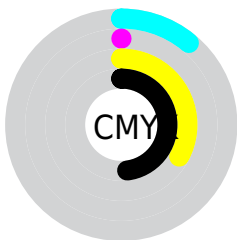
Distribution



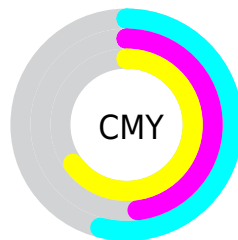
- Red (46%)
- Green (52%)
- Blue (35%)



- Red (35%)
- Yellow (52%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2038, -12.6229, 16.1215 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 46.2038, -12.6229, 16.1215 by changing the saturation by 10% instead.

■ 46.2038, -12.6229,
16.1215

■ 46.2038, -12.6229,
16.1215

160.9741,
-24.3968, 31.7499

■ 36.5776, -11.2765,
14.1699

■ 67.5777, -15.2567,
19.8082

■ 27.7312, -9.8898,
12.1061

■ 79.2371, -16.5580,
21.5788

■ 19.7417, -8.4394,
9.8809

■ 91.4992, -17.8563,
23.3170

■ 12.7134, -6.8803,
8.5680

■ 104.3357,
-19.1549, 25.0310

■ 6.0709, -10.0190,
4.2497

■ 117.7221,
-20.4565, 26.7269

0.0000, NaN, NaN

131.6365,

0.0000, NaN, NaN

-21.7631, 28.4096

0.0000, NaN, NaN

146.0596,
-23.0761, 30.0829

0.0000, NaN, NaN

■ 46.2038, -12.6229,
16.1215

■ 46.2038, -12.6229,
16.1215

■ 45.6457, -15.1516,
19.0507

■ 46.8167, -9.8558,
12.6566

■ 45.1387, -17.4346,
21.4468

■ 47.4817, -6.8530,
8.6571

■ 44.6826, -19.4726,
23.3219

■ 48.1997, -3.6239,
4.1312

■ 44.2759, -21.2689,
24.6965

■ 48.9704, -0.1786,
-0.9086

■ 43.9161, -22.8313,
25.6020

■ 49.7933, 3.4718,
-6.4459

■ 43.6001, -24.1742,
26.0837

■ 50.6675, 7.3152,
-12.4617

■ 43.3980, -25.0270,
26.3035

■ 51.5922, 11.3392,
-18.9346

■ 52.5661, 15.5310,
-25.8417

■ 53.5881, 19.8781,
-33.1593

Harmonies

Analogous

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



46.2048, -3.0290, 17.9494



46.2038, -12.6229, 16.1215



46.2048, -18.9958, 10.7893

Triad

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



46.2048, -12.6241, 16.1220



46.2048, -11.7320, -17.8887



46.2048, 19.6167, 3.0470

Complementary

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



46.2038, -12.6229, 16.1215



34.3248, 10.2184, -17.0023

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.



46.2048, 16.7692, -7.6446



46.2038, -12.6229, 16.1215



46.2048, -1.9040, -21.2412

Square

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



46.2048, -12.6241, 16.1220



46.2048, -18.5142, -8.7820



46.2048, 8.6493, -17.1351



46.2048, 16.1196, 11.5270

Rectangle

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



46.2038, -12.6229, 16.1215



46.2048, -20.8772, 5.2507



46.2048, 8.6493, -17.1351



46.2048, 19.3685, -0.3988

Sweetspot

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



46.2048, -12.6241, 16.1220



63.8058, -7.9667, 9.9262



39.4236, 5.2351, 10.1699



30.2321, -4.0211, 5.0430



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



46.2048, -12.6241, 16.1220



61.2385, -19.5678, 24.7020



44.7239, -18.1982, 14.7103



23.1207, -2.7115, 3.3537



42.3594, -24.4036, 25.6744



2.5729, -1.1231, 1.5658

Inverse Universe

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



34.3248, 10.2184, -17.0023



41.8407, 18.0381, -30.2131



36.3993, 16.5390, -13.4286



21.4850, 0.3954, -1.1062



14.6838, 36.1313, -75.6650



1.0582, 2.3403, -3.4095

Previews

White Background



This preview shows how the HunterLab color 46.2038, -12.6229, 16.1215 looks on a white 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

Black Background



This preview shows how the HunterLab color 46.2038, -12.6229, 16.1215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

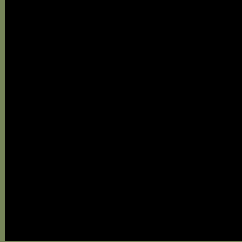
Any Text WCAG AA ✓ Pass

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 46.2038, -12.6229, 16.1215 Background



This preview shows how black text looks on a background with the HunterLab color 46.2038, -12.6229, 16.1215.



This preview shows how white text looks on a background with the HunterLab color 46.2038,

-12.6229, 16.1215.

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

46.2038, -12.6229, 16.1215

Protanopia

46.1196, -4.1110, 16.7549

Deuteranopia

46.1017, 2.9945, 15.7312



Tritanopia

46.2005, -1.4070, -1.9283

Trichromacy



Original Color

46.2038, -12.6229, 16.1215

Protanomaly

46.0764, -7.1372, 16.3870

Deuteranomaly

45.9879, -3.0291, 15.8137

Tritanomaly

46.0371, -5.8630, 5.3806

Monochromacy



Original Color

46.2038, -12.6229, 16.1215

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.2372, -6.2270, 8.0552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2038, -12.6229, 16.1215 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(118, 133, 89)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 89)  
}
```

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(118, 133, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2038, -12.6229, 16.1215 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(118, 133, 89) }
```


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

```
.border{ border-color:rgb(118, 133, 89) }
```

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

Here you see how a box with a 4 pixel rgb(118, 133, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 89);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2038, -12.6229, 16.1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 89) }
```

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

```
.background{ background-color: rgb(118,  
133, 89) }
```

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