

Converting Colors

HunterLab(46.1579, -12.3301,
17.2234)

Have a look what the booklet for
HunterLab(46.1579, -12.3301,
17.2234) contains.

HunterLab(46.2861, -12.4601, 17.2942)	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(46.2861,
-12.4601, 17.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	788555
RGB	120, 133, 85
RGB Percent	47%, 52%, 33%
CMY	0.5294, 0.4784, 0.6667
CMYK	0.10, 0.00, 0.36, 0.48
HSL	76°, 22%, 43%
HSV	76°, 36%, 52%
XYZ	17.7730, 21.4240, 11.7929
YIQ	123.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

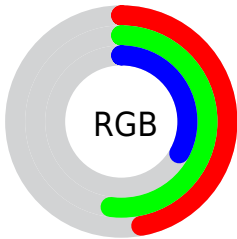
Format	Color
RYB	85, 133, 98
Decimal	7898453
CIELab	53.41, -13.27, 24.34
CIElCh	53, 27.719, 118.591
Yxy	21.4250, 0.3486, 0.4202
Android (android.graphics.Color)	4286088533 (0xFF788555)
YUV	123.6410, -19.0500, -3.1932
Hunter-Lab	46.2861, -12.4601, 17.2942

Details

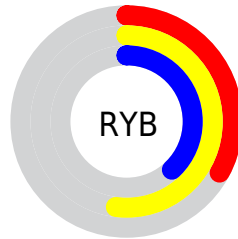
The HunterLab color $46.2861, -12.4601, 17.2942$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32.8447, 10.5639, -19.6356$, and the grayscale version is $44.8257, -2.3918, 2.4355$.

A 20% lighter version of the original color is $67.6397, -15.0120, 21.3243$, and $27.6994, -9.4352, 12.7945$ is the 20% darker color. If you saturate the color by 10%, you get $45.8042, -14.6744, 20.0974$, and if you desaturate by 10%, it is $46.8179, -10.0178, 13.9451$.

Distribution



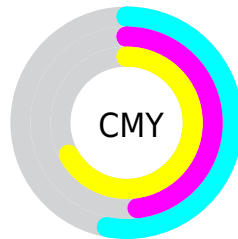
- Red (47%)
- Green (52%)
- Blue (33%)



- Red (33%)
- Yellow (52%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2861, -12.4601, 17.2942 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 46.2861, -12.4601, 17.2942 by changing the saturation by 10% instead.

■ 46.2861, -12.4601,
17.2942

■ 46.2861, -12.4601,
17.2942

161.0989,
-24.1304, 34.0239

■ 36.6538, -11.1295,
15.1721

■ 67.6711, -15.0661,
21.2807

■ 27.8007, -9.7603,
12.9195

■ 79.3356, -16.3549,
23.1855

■ 19.8038, -8.3299,
10.4827

■ 91.6025, -17.6413,
25.0497

■ 12.7670, -6.7946,
8.9369

■ 104.4437,
-18.9287, 26.8826

■ 6.1455, -9.7338,
4.3019

■ 117.8345,
-20.2196, 28.6914

0.0000, NaN, NaN

0.0000, NaN, NaN

131.7531,

-21.5160, 30.4817

0.0000, NaN, NaN

146.1804,
-22.8191, 32.2580

0.0000, NaN, NaN

■ 46.2861, -12.4601,
17.2942

■ 46.2861, -12.4601,
17.2942

■ 45.8042, -14.6744,
20.0974

■ 46.8179, -10.0178,
13.9451

■ 45.3681, -16.6566,
22.3625

■ 47.3971, -7.3466,
10.0465

■ 44.9773, -18.4110,
24.1064

■ 48.0252, -4.4528,
5.6022

■ 44.6298, -19.9442,
25.3550

■ 48.7023, -1.3435,
0.6206

■ 44.3230, -21.2675,
26.1448

■ 49.4280, 1.9730,
-4.8856

■ 44.0515, -22.4081,
26.5511

■ 50.2021, 5.4871,
-10.9005

■ 43.9499, -22.8343,
26.6820

■ 51.0239, 9.1883,
-17.4052

■ 51.8926, 13.0659,
-24.3789

■ 52.8074, 17.1084,
-31.7992

Harmonies

Analogous

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



46.2871, -1.9342, 18.8414



46.2861, -12.4601, 17.2942



46.2871, -19.6668, 12.0868

Triad

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



46.2871, -12.4613, 17.2947



46.2871, -13.3070, -18.9354



46.2871, 21.4318, 2.0059

Complementary

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



46.2861, -12.4601, 17.2942



32.8447, 10.5639, -19.6356

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.



46.2871, 17.6683, -9.6601



46.2861, -12.4601, 17.2942



46.2871, -3.0079, -23.4151

Square

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



46.2871, -12.4613, 17.2947



46.2871, -20.1210, -8.5589



46.2871, 8.4431, -19.6715



46.2871, 18.2948, 11.3952

Rectangle

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



46.2861, -12.4601, 17.2942



46.2871, -21.9838, 6.4416



46.2871, 8.4431, -19.6715



46.2871, 20.9255, -1.7789

Sweetspot

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



46.2871, -12.4613, 17.2947



63.8241, -7.9932, 10.6558



37.8697, 7.5532, 10.0112



30.2496, -3.9987, 5.3711



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.



46.2871, -12.4613, 17.2947



61.4252, -19.0368, 26.1617



44.6427, -18.6565, 15.7674



23.1545, -2.5918, 3.3925



42.8974, -22.2663, 26.0434



2.5953, -1.0373, 1.5810

Inverse Universe

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



32.8447, 10.5639, -19.6356



39.8123, 18.3891, -34.3260



35.0913, 17.3361, -15.5680



21.4502, 0.2768, -1.1530



14.0513, 35.5427, -79.9063



1.0023, 2.2740, -3.6742

Previews

White Background



This preview shows how the HunterLab color 46.2861, -12.4601, 17.2942 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 46.2861, -12.4601, 17.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

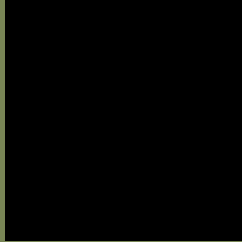
Any Text WCAG AA ✓ Pass

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 46.2861, -12.4601, 17.2942 Background



This preview shows how black text looks on a background with the HunterLab color 46.2861, -12.4601, 17.2942.



This preview shows how white text looks on a background with the HunterLab color 46.2861,

-12.4601, 17.2942.

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

46.2861, -12.4601, 17.2942

Protanopia

46.0506, -4.4917, 17.7611

Deuteranopia

46.1331, 2.9540, 16.8903



Tritanopia

46.3648, -0.8404, -1.7096

Trichromacy



Original Color

46.2861, -12.4601, 17.2942

Protanomaly

46.0064, -7.5282, 17.4079

Deuteranomaly

46.0098, -3.0966, 16.9515

Tritanomaly

46.1450, -5.5843, 6.3146

Monochromacy



Original Color

46.2861, -12.4601, 17.2942

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.2940, -6.0729, 8.4934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2861, -12.4601, 17.2942 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(120, 133, 85)` looks like.

```
.text, #text, p{  
    color:rgb(120, 133, 85)  
}
```

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(120, 133, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 133, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2861, -12.4601, 17.2942 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(120, 133, 85) }
```


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

```
.border{ border-color:rgb(120, 133, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 133, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 133, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 133, 85);  
box-shadow:4px 4px 4px 4px rgb(120, 133,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2861, -12.4601, 17.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 133, 85) }
```

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

```
.background{ background-color: rgb(120,  
133, 85) }
```

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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