

Converting Colors

HunterLab(26.1040, -12.8233,
7.8394)

Have a look what the booklet for
HunterLab(26.1040, -12.8233,
7.8394) contains.

HunterLab(25.9914, -12.6537, 7.8330)	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(25.9914,
-12.6537, 7.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5136
RGB	47, 81, 54
RGB Percent	18%, 32%, 21%
CMY	0.8157, 0.6823, 0.7882
CMYK	0.42, 0.00, 0.33, 0.68
HSL	132°, 27%, 25%
HSV	132°, 42%, 32%
XYZ	4.7806, 6.7555, 4.5420
YIQ	67.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

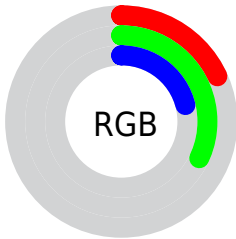
Format	Color
RYB	47, 75, 81
Decimal	3100982
CIELab	31.24, -19.07, 12.09
CIELCh	31, 22.583, 147.624
Yxy	6.7558, 0.2973, 0.4202
Android (android.graphics.Color)	4281291062 (0xFF2F5136)
YUV	67.7560, -6.7817, -18.2030
Hunter-Lab	25.9914, -12.6537, 7.8330

Details

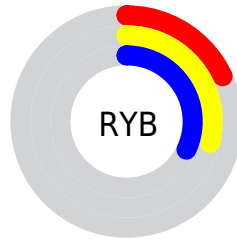
The HunterLab color **25.9914, -12.6537, 7.8330** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20.6806, 12.5417, -5.6113**, and the grayscale version is **23.9834, -1.2797, 1.3031**.

A 20% lighter version of the original color is **44.2776, -16.2710, 10.5125**, and **11.4150, -8.6671, 5.3906** is the 20% darker color. If you saturate the color by 10%, you get **25.5428, -14.6496, 9.1000**, and if you desaturate by 10%, it is **26.5161, -10.3833, 6.4636**.

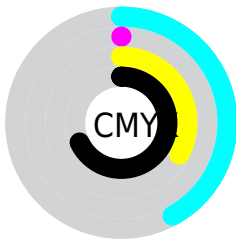
Distribution



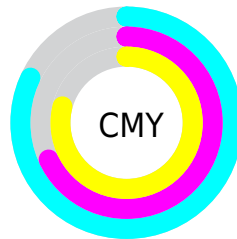
- Red (18%)
- Green (32%)
- Blue (21%)



- Red (18%)
- Yellow (29%)
- Blue (32%)



- Cyan (42%)
- Magenta (0%)
- Yellow (33%)
- Black (68%)



- Cyan (82%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.9914, -12.6537, 7.8330 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 25.9914, -12.6537, 7.8330 by changing the saturation by 10% instead.

■ 25.9914, -12.6537,
7.8330

■ 25.9914, -12.6537,
7.8330

128.6930,
-27.3177, 19.1022

■ 18.1930, -10.7174,
6.4543

■ 44.1364, -16.1878,
10.4204

■ 11.3823, -8.6656,
5.3111

■ 54.3393, -17.8549,
11.6719

■ 3.7117, -6.4954,
2.5982

■ 65.2258, -19.4814,
12.9110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.7556, -21.0789,
14.1446

0.0000, NaN, NaN

■ 88.8945, -22.6558,
15.3776

0.0000, NaN, NaN

■ 101.6135,

0.0000, NaN, NaN

-24.2183, 16.6132

0.0000, NaN, NaN

114.8871,
-25.7711, 17.8541

■ 25.9914, -12.6537,
7.8330

■ 25.9914, -12.6537,
7.8330

■ 25.5428, -14.6496,
9.1000

■ 26.5161, -10.3833,
6.4636

■ 25.1682, -16.3543,
10.2509

■ 27.1148, -7.8575,
5.0052

■ 24.8663, -17.7596,
11.2750

■ 27.7869, -5.1006,
3.4723

■ 24.6343, -18.8652,
12.1640

■ 28.5304, -2.1381,
1.8793

■ 24.4630, -19.7000,
12.9091

■ 29.3429, 1.0039,
0.2394

■ 24.3405, -20.2931,
13.3834

■ 30.2217, 4.3003,
-1.4350

■ 31.1636, 7.7271,
-3.1334

■ 32.1656, 11.2628,
-4.8463

■ 33.2244, 14.8881,
-6.5662

Harmonies

Analogous

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



25.9919, -7.8467, 10.9911



25.9914, -12.6537, 7.8330



25.9919, -14.4821, 1.9868

Triad

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



25.9919, -12.6541, 7.8333



25.9919, -1.9937, -16.7479



25.9919, 12.9290, 7.0894

Complementary

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



25.9914, -12.6537, 7.8330



20.6806, 12.5417, -5.6113

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.



25.9919, 14.9538, 0.8296



25.9914, -12.6537, 7.8330



25.9919, 5.7697, -14.2360

Square

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



25.9919, -12.6541, 7.8333



25.9919, -8.7867, -13.3465



25.9919, 12.1984, -7.2224



25.9919, 6.9432, 10.6569

Rectangle

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



25.9914, -12.6537, 7.8330



25.9919, -13.9446, -3.1751



25.9919, 12.1984, -7.2224



25.9919, 14.1235, 5.2954

Sweetspot

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



25.9919, -12.6541, 7.8333



36.1075, -7.1992, 4.8284



27.4849, -7.2144, 11.0083



18.3230, -3.9336, 2.6061



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



25.9919, -12.6541, 7.8333



33.3293, -19.0452, 11.8284



26.3474, -10.5682, 2.7106



14.4822, -2.1502, 1.5305



31.7299, -26.5770, 17.7125



76.1268, -64.2866, 43.6244

Inverse Universe

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



20.6806, 12.5417, -5.6113



25.0220, 20.5869, -9.1949



20.1987, 10.1952, 1.1852



13.8781, 0.6875, 0.0026



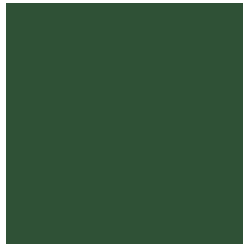
18.9763, 35.7904, -13.2646



45.4272, 85.4386, -29.8939

Previews

White Background



This preview shows how the HunterLab color 25.9914, -12.6537, 7.8330 looks on a white background.

Color Contrast Check

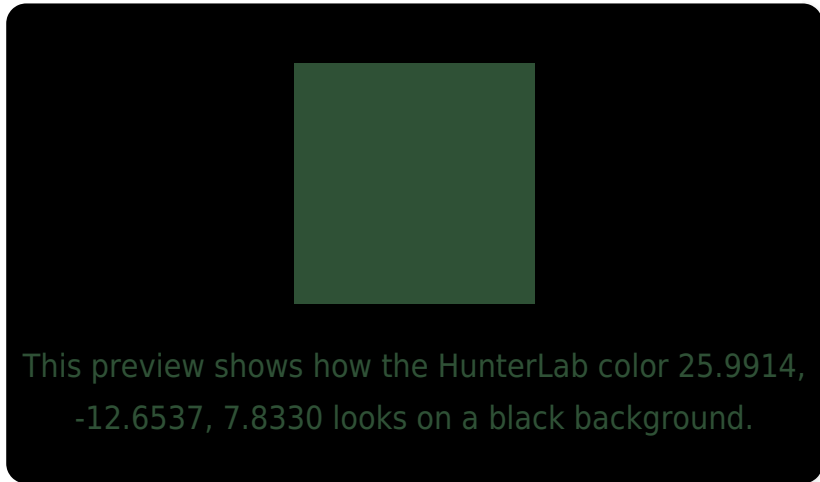
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

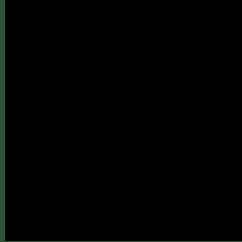
Any Text WCAG AA × Fail

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 25.9914, -12.6537, 7.8330 Background



This preview shows how black text looks on a background with the HunterLab color 25.9914, -12.6537, 7.8330.



This preview shows how white text looks on a background with the HunterLab color 25.9914,

-12.6537, 7.8330.

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

25.9914, -12.6537, 7.8330

Protanopia

25.8193, -2.2892, 8.6776

Deuteranopia

25.7765, 1.5770, 7.3052



Tritanopia

25.8935, -5.8662, -3.3527

Trichromacy



Original Color

25.9914, -12.6537, 7.8330

Protanomaly

25.7101, -6.6754, 8.2335

Deuteranomaly

25.5951, -4.2667, 7.3242

Tritanomaly

25.7558, -8.3951, 1.2134

Monochromacy



Original Color

25.9914, -12.6537, 7.8330

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.6670, -5.9490, 3.7923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.9914, -12.6537, 7.8330 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, 81, 54)` looks like.

```
.text, #text, p{  
    color:rgb(47, 81, 54)  
}
```

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, 81, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 81, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 25.9914, -12.6537, 7.8330 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, 81, 54) }
```


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

```
.border{ border-color:rgb(47, 81, 54) }
```

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

Here you see how a box with a 4 pixel rgb(47, 81, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 81, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 81, 54);  
box-shadow:4px 4px 4px 4px rgb(47, 81, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.9914, -12.6537, 7.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 81, 54) }
```

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

```
.background{ background-color: rgb(47, 81,  
54) }
```

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