

Converting Colors

HunterLab(12.4882, 14.4994,
-13.0114)

Have a look what the booklet for
HunterLab(12.4882, 14.4994,
-13.0114) contains.

HunterLab(12.4882, 14.4994, -13.0114)	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(12.4882, 14.4994,
-13.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	35133D
RGB	53, 19, 61
RGB Percent	21%, 7%, 24%
CMY	0.7922, 0.9255, 0.7608
CMYK	0.13, 0.69, 0.00, 0.76
HSL	289°, 52%, 16%
HSV	289°, 69%, 24%
XYZ	2.5434, 1.5596, 4.5818
YIQ	33.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

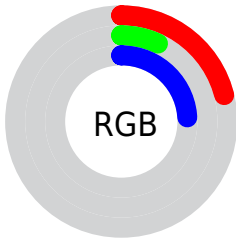
Format	Color
R_{YB}	53, 19, 61
Decimal	3478333
CIE _{Lab}	12.98, 24.63, -19.60
CIE _{LCh}	13, 31.475, 321.495
Yxy	1.5596, 0.2929, 0.1796
Android (android.graphics.Color)	4281668413 (0xFF35133D)
YUV	33.9540, 13.3337, 16.7033
Hunter-Lab	12.4882, 14.4994, -13.0114

Details

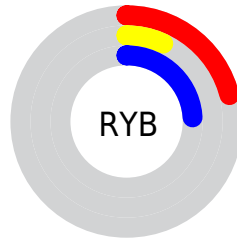
The HunterLab color **12.4882, 14.4994, -13.0114** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.0198, -12.2782, 9.5843**, and the grayscale version is **12.5911, -0.6718, 0.6841**.

A 20% lighter version of the original color is **27.4547, 16.7138, -14.0344**, and **2.4936, 3.6559, -11.0088** is the 20% darker color. If you saturate the color by 10%, you get **11.6106, 16.4693, -15.1022**, and if you desaturate by 10%, it is **13.5104, 12.3223, -10.8339**.

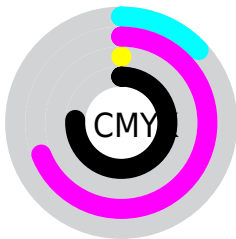
Distribution



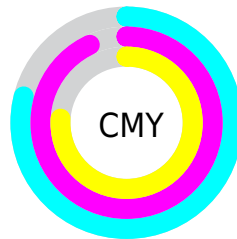
- Red (21%)
- Green (7%)
- Blue (24%)



- Red (21%)
- Yellow (7%)
- Blue (24%)



- Cyan (13%)
- Magenta (69%)
- Yellow (0%)
- Black (76%)



- Cyan (79%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4882, 14.4994, -13.0114 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 12.4882, 14.4994, -13.0114 by changing the saturation by 10% instead.

12.4882, 14.4994,
-13.0114

12.4882, 14.4994,
-13.0114

103.8809, 21.0839,
-15.4577

5.7458, 18.4391,
-16.0964

27.4391, 16.8019,
-13.9195

0.0000, NaN, -NF

0.0000, NaN, NaN

36.2572, 17.7303,
-14.3322

0.0000, NaN, NaN

45.8583, 18.5316,
-14.6803

0.0000, NaN, NaN

0.0000, NaN, NaN

56.1832, 19.2212,
-14.9609

0.0000, NaN, NaN

67.1842, 19.8118,
-15.1757

0.0000, NaN, NaN

78.8222, 20.3138,

0.0000, NaN, NaN

-15.3278

91.0639, 20.7354,
-15.4207

12.4882, 14.4994,
-13.0114

12.4882, 14.4994,
-13.0114

11.6106, 16.4693,
-15.1022

13.5104, 12.3223,
-10.8339

10.8628, 18.2113,
-17.0843

14.6590, 10.0363,
-8.6480

10.0896, 20.2301,
-19.3722

15.9177, 7.7090,
-6.5012

9.9971, 20.4904,
-19.6647

17.2715, 5.3828,
-4.4187

18.7076, 3.0818,
-2.4107

■ 20.2153, 0.8175,
-0.4777

■ 21.7856, -1.4062,
1.3844

■ 23.4113, -3.5896,
3.1822

■ 25.0863, -5.7356,
4.9233

Harmonies

Analogous

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



12.4885, 5.7596, -23.4261



12.4882, 14.4994, -13.0114



12.4885, 19.4466, -1.7898

Triad

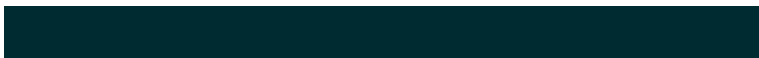
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4885, 14.4990, -13.0109



12.4885, 1.7909, 8.7419



12.4885, -12.5485, -6.2900

Complementary

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



12.4882, 14.4994, -13.0114



19.0198, -12.2782, 9.5843

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.



12.4885, -13.1915, 2.7296



12.4882, 14.4994, -13.0114



12.4885, -6.0101, 8.7419

Square

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



12.4885, 14.4990, -13.0109



12.4885, 10.9496, 8.7419



12.4885, -10.9242, 7.8168



12.4885, -9.1555, -18.0843

Rectangle

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



12.4882, 14.4994, -13.0114



12.4885, 19.2206, 3.3506



12.4885, -10.9242, 7.8168



12.4885, -13.0920, -2.7532

Sweetspot

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



12.4885, 14.4990, -13.0109



23.6464, 4.9068, -3.9146



11.3039, 4.0957, -16.1196



12.4357, 2.7491, -2.2039



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.4885, 14.4990, -13.0109



14.2898, 23.0463, -21.5224



12.9407, 14.5854, -4.7818



10.8718, 0.3881, -0.2138



15.3835, 31.6389, -31.0988



38.6272, 79.7824, -80.7144

Inverse Universe

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



12.3977, 12.2139, 2.8941



14.2755, 19.5813, 5.0960



18.9158, -12.4116, 7.2440



10.8555, 0.2185, 0.6504



15.6263, 27.0393, 7.9357



39.5916, 68.2286, 22.2742

Previews

White Background



This preview shows how the HunterLab color 12.4882, 14.4994, -13.0114 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 12.4882, 14.4994, -13.0114 Background



This preview shows how black text looks on a background with the HunterLab color 12.4882, 14.4994, -13.0114.



This preview shows how white text looks on a background with the HunterLab color 12.4882, 14.4994, -13.0114.

-13.0114.

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

12.4882, 14.4994, -13.0114

Protanopia

12.4203, 2.4258, -20.7609

Deuteranopia

12.8296, 0.2725, -10.5888



Tritanopia

12.7696, 4.9576, 1.9365

Trichromacy



Original Color

12.4882, 14.4994, -13.0114

Protanomaly

11.7226, 5.3245, -19.5409

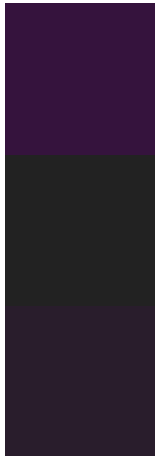
Deuteranomaly

12.1894, 4.9377, -12.5285

Tritanomaly

12.4118, 8.2062, -2.6719

Monochromacy



Original Color

12.4882, 14.4994, -13.0114

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.3774, 4.4199, -3.7101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4882, 14.4994, -13.0114 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(53, 19, 61)` looks like.

```
.text, #text, p{  
    color:rgb(53, 19, 61)  
}
```

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(53, 19, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 19, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4882, 14.4994, -13.0114 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(53, 19, 61) }
```


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

```
.border{ border-color:rgb(53, 19, 61) }
```

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

Here you see how a box with a 4 pixel rgb(53, 19, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 19, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 19, 61);  
box-shadow:4px 4px 4px 4px rgb(53, 19, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4882, 14.4994, -13.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 19, 61) }
```

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

```
.background{ background-color: rgb(53, 19,  
61) }
```

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