

Converting Colors

HunterLab(13.9097, -4.1230,
-0.2385)

Have a look what the booklet for
HunterLab(13.9097, -4.1230,
-0.2385) contains.

HunterLab(13.9490, -4.2325, -0.0115)	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(13.9490, -4.2325,
-0.0115)**

Conversions

Conversions Part 1	
Format	Color
Hex	192928
RGB	25, 41, 40
RGB Percent	10%, 16%, 16%
CMY	0.9020, 0.8392, 0.8431
CMYK	0.39, 0.00, 0.02, 0.84
HSL	176°, 24%, 13%
HSV	176°, 39%, 16%
XYZ	1.5768, 1.9457, 2.2999
YIQ	36.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

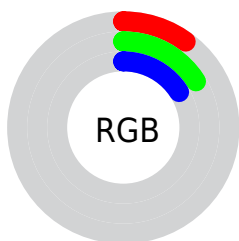
Format	Color
RYB	25, 33, 41
Decimal	1648936
CIELab	15.20, -6.96, -1.49
CIELCh	15, 7.118, 192.104
Yxy	1.9458, 0.2708, 0.3342
Android (android.graphics.Color)	4279839016 (0xFF192928)
YUV	36.1020, 1.9217, -9.7365
Hunter-Lab	13.9490, -4.2325, -0.0115

Details

The HunterLab color **13.9490, -4.2325, -0.0115** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.1415, 3.7109, 1.7291**, and the grayscale version is **13.3112, -0.7103, 0.7232**.

A 20% lighter version of the original color is **29.2859, -6.0144, 0.5412**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.7686, -4.9237, -0.1485**, and if you desaturate by 10%, it is **14.1548, -3.4601, 0.1566**.

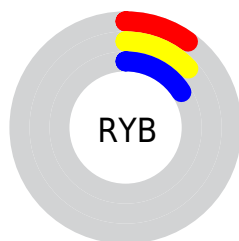
Distribution



Red (10%)

Green (16%)

Blue (16%)



Red (10%)

Yellow (13%)

Blue (16%)

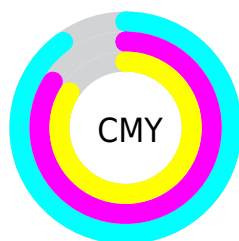


Cyan (39%)

Magenta (0%)

Yellow (2%)

Black (84%)



Cyan (90%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.9490, -4.2325, -0.0115 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 13.9490, -4.2325, -0.0115 by changing the saturation by 10% instead.

13.9490, -4.2325,
-0.0115

13.9490, -4.2325,
-0.0115

106.7994,
-12.8504, 4.3254

7.5875, -4.4025,
-0.4024

29.3239, -6.1265,
0.6196

0.0000, NaN, NaN

0.0000, NaN, NaN

38.3216, -7.0585,
1.0212

0.0000, NaN, NaN

48.0879, -7.9944,
1.4714

0.0000, NaN, NaN

0.0000, NaN, NaN

58.5666, -8.9389,
1.9657

0.0000, NaN, NaN


69.7120, -9.8951,
2.5008


0.0000, NaN, NaN


81.4865, -10.8650,


0.0000, NaN, NaN


3.0739


 93.8582, -11.8499,
3.6828


 13.9490, -4.2325,
-0.0115


 13.9490, -4.2325,
-0.0115


 13.7686, -4.9237,
-0.1485


 14.1548, -3.4601,
0.1566


 13.6125, -5.5304,
-0.2547


 14.3851, -2.6099,
0.3544


 13.4806, -6.0515,
-0.3299

 14.6401, -1.6864,
0.5810

 13.3707, -6.4920,
-0.3764

 14.9195, -0.6949,
0.8350

 13.2650, -6.9199,
-0.4176

 15.2228, 0.3592,
1.1149

■ 13.1585, -7.3549,
-0.4600

■ 15.5494, 1.4701,
1.4189

■ 13.1481, -7.3978,
-0.4643

■ 15.8987, 2.6324,
1.7454

■ 16.2698, 3.8404,
2.0925

■ 16.6622, 5.0889,
2.4584

Harmonies

Analogous

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



13.9493, -4.1442, 1.8138



13.9490, -4.2325, -0.0115



13.9493, -3.4252, -1.8566

Triad

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



13.9493, -4.2327, -0.0113



13.9493, 1.8651, -2.1620



13.9493, 0.4287, 3.7508

Complementary

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



13.9490, -4.2325, -0.0115



11.1415, 3.7109, 1.7291

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.



13.9493, 2.1541, 2.9498



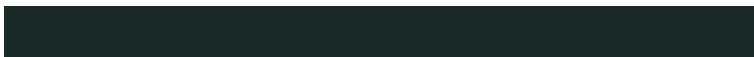
13.9490, -4.2325, -0.0115



13.9493, 3.0143, -0.3845

Square

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



13.9493, -4.2327, -0.0113



13.9493, 0.0517, -3.2079



13.9493, 3.1229, 1.4883



13.9493, -1.5243, 3.8220

Rectangle

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



13.9490, -4.2325, -0.0115



13.9493, -2.4602, -2.7841



13.9493, 3.1229, 1.4883



13.9493, 1.0572, 3.5637

Sweetspot

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



13.9493, -4.2327, -0.0113



18.6074, -2.6102, 0.6308



13.6990, -5.7809, 4.3593



10.5427, -1.4623, 0.3612



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.9493, -4.2327, -0.0113



17.5973, -6.3796, -0.2049



12.3073, -1.5935, -2.5507



8.3554, -0.9019, 0.3457



26.3189, -14.9334, -0.6593



71.4202, -40.7671, -1.2645

Inverse Universe

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



11.1415, 3.7109, 1.7291



13.0924, 6.4750, 2.6318



12.5344, 0.9171, 3.3891



8.0163, 0.0464, 0.5515



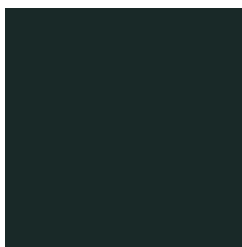
13.7959, 23.7096, 8.2666



37.3828, 64.0986, 23.5406

Previews

White Background



This preview shows how the HunterLab color 13.9490, -4.2325, -0.0115 looks on a white background.

Color Contrast Check

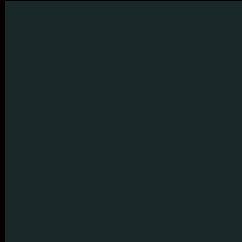
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 13.9490, -4.2325, -0.0115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

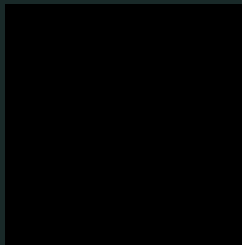
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

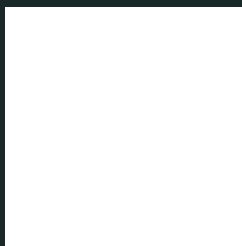
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 13.9490, -4.2325, -0.0115 Background



This preview shows how black text looks on a background with the HunterLab color 13.9490, -4.2325, -0.0115.



This preview shows how white text looks on a background with the HunterLab color 13.9490, -4.2325, -0.0115.

-0.0115.

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

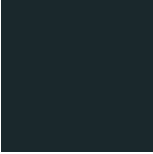
13.9490, -4.2325, -0.0115

Protanopia

13.9911, -0.5034, 0.8417

Deuteranopia

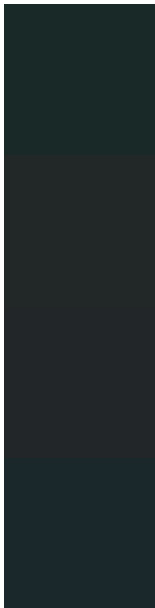
13.9081, 0.5193, -0.3638



Tritanopia

13.8530, -3.1182, -1.7170

Trichromacy



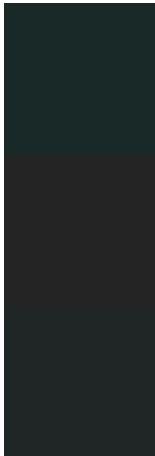
Original Color
13.9490, -4.2325, -0.0115

Protanomaly
13.9198, -1.9004, 0.3683

Deuteranomaly
13.7973, -1.0328, -0.5311

Tritanomaly
13.8261, -3.2701, -1.3385

Monochromacy



Original Color
13.9490, -4.2325, -0.0115

Achromatopsia
13.2823, -0.7087, 0.7217

Achromatomaly
13.5162, -2.2233, 0.6120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.9490, -4.2325, -0.0115 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(25, 41, 40)` looks like.

```
.text, #text, p{  
    color:rgb(25, 41, 40)  
}
```

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(25, 41, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 41, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 13.9490, -4.2325, -0.0115 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(25, 41, 40) }
```


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

```
.border{ border-color:rgb(25, 41, 40) }
```

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

Here you see how a box with a 4 pixel rgb(25, 41, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 41, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 41, 40);  
box-shadow:4px 4px 4px 4px rgb(25, 41, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.9490, -4.2325, -0.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 41, 40) }
```

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

```
.background{ background-color: rgb(25, 41,  
40) }
```

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