

Converting Colors

HunterLab(33.4475, 13.0009,
-15.0578)

Have a look what the booklet for
HunterLab(33.4475, 13.0009,
-15.0578) contains.

HunterLab(33.3922, 13.0514, -15.4562)	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(33.3922, 13.0514,
-15.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5480
RGB	109, 84, 128
RGB Percent	43%, 33%, 50%
CMY	0.5725, 0.6706, 0.4980
CMYK	0.15, 0.34, 0.00, 0.50
HSL	274°, 21%, 42%
HSV	274°, 34%, 50%
XYZ	13.3733, 11.1504, 21.8695
YIQ	96.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

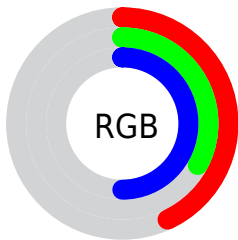
Format	Color
R_{YB}	109, 84, 128
Decimal	7165056
CIE _{Lab}	39.83, 19.40, -20.86
CIE _{LCh}	40, 28.488, 312.918
Yxy	11.1509, 0.2883, 0.2403
Android (android.graphics.Color)	4285355136 (0xFF6D5480)
YUV	96.4910, 15.5339, 10.9704
Hunter-Lab	33.3922, 13.0514, -15.4562

Details

The HunterLab color $[33.3922, 13.0514, -15.4562]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[43.5458, -15.0733, 15.1481]$, and the grayscale version is $[34.3286, -1.8317, 1.8651]$.

A 20% lighter version of the original color is $[52.8805, 14.0030, -16.1849]$, and $[17.0628, 11.6494, -14.9856]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.0041, 17.7556, -21.5565]$, and if you desaturate by 10%, it is $[36.9925, 8.4205, -9.7900]$.

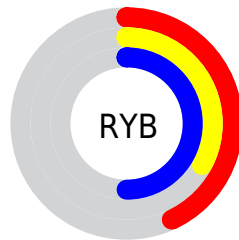
Distribution



Red (43%)

Green (33%)

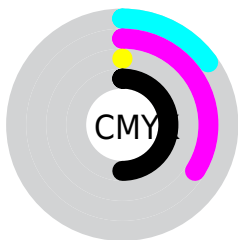
Blue (50%)



Red (43%)

Yellow (33%)

Blue (50%)

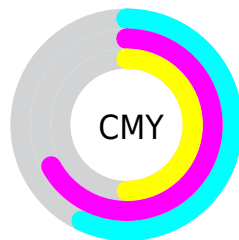


Cyan (15%)

Magenta (34%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (67%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3922, 13.0514, -15.4562 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 33.3922, 13.0514, -15.4562 by changing the saturation by 10% instead.

33.3922, 13.0514,
-15.4562

33.3922, 13.0514,
-15.4562

140.9608, 15.3031,
-16.9105

24.8363, 12.3451,
-14.9947

52.8572, 14.1097,
-16.2024

17.1690, 11.4947,
-14.5124

63.6499, 14.4933,
-16.4786

10.5096, 10.4755,
-14.1247

75.0911, 14.7944,
-16.6914

0.0000, INF, -NF

0.0000, NaN, -NF

87.1459, 15.0211,
-16.8437

0.0000, NaN, NaN

99.7846, 15.1803,
-16.9388

0.0000, NaN, NaN

112.9814, 15.2773,

0.0000, NaN, NaN

-16.9798

0.0000, NaN, NaN

126.7135, 15.3169,
-16.9694

■ 33.3922, 13.0514,
-15.4562

■ 33.3922, 13.0514,
-15.4562

■ 30.0041, 17.7556,
-21.5565

■ 36.9925, 8.4205,
-9.7900

■ 26.8683, 22.4781,
-28.1160

■ 40.7700, 3.8834,
-4.5090

■ 24.0386, 27.0901,
-35.0838

■ 44.6998, -0.5617,
0.4457

■ 21.5785, 31.3518,
-42.2677

■ 48.7619, -4.9242,
5.1290

■ 19.5560, 34.8836,
-49.2553

■ 52.9406, -9.2167,
9.5887

■ 18.0131, 37.2692,
-55.4680

■ 57.2231, -13.4516,
13.8652

■ 17.2173, 38.5370,
-59.0430

■ 61.5993, -17.6407,
17.9917

■ 66.0607, -21.7941,
21.9956

■ 70.6003, -25.9207,
25.8992

Harmonies

Analogous

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



33.3929, 2.8343, -22.7351



33.3922, 13.0514, -15.4562



33.3929, 19.7064, -4.3071

Triad

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



33.3929, 13.0507, -15.4553



33.3929, 4.3342, 15.4250



33.3929, -19.2180, -2.7503

Complementary

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



33.3922, 13.0514, -15.4562



43.5458, -15.0733, 15.1481

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.



33.3929, -18.9212, 6.9650



33.3922, 13.0514, -15.4562



33.3929, -6.1634, 15.6087

Square

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



33.3929, 13.0507, -15.4553



33.3929, 14.2646, 12.4004



33.3929, -14.4091, 13.0155



33.3929, -15.2771, -14.0177

Rectangle

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



33.3922, 13.0514, -15.4562



33.3929, 20.7787, 2.7774



33.3929, -14.4091, 13.0155



33.3929, -19.5949, 0.8286

Sweetspot

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



33.3929, 13.0507, -15.4553



56.2349, 2.6948, -3.2108



36.2734, -2.4104, -11.0717



26.9133, 1.6424, -1.9330



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.3929, 13.0507, -15.4553



40.8763, 22.0364, -26.5800



35.2316, 18.2869, -10.6593



20.7914, 0.7409, -0.9013



17.1469, 38.3769, -58.7819

0.0000, NaN, NaN

Inverse Universe

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



34.5103, 14.7149, -0.5240



42.7931, 24.6444, -1.0842



42.4388, -19.1967, 13.2366



20.9110, 0.9552, 0.7306



21.9702, 38.8826, 4.4450

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.3922, 13.0514, -15.4562 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 × Fail

Black Background



This preview shows how the HunterLab color 33.3922, 13.0514, -15.4562 looks on a black 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

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

HunterLab 33.3922, 13.0514, -15.4562 Background



This preview shows how black text looks on a background with the HunterLab color 33.3922, 13.0514, -15.4562.



This preview shows how white text looks on a background with the HunterLab color 33.3922, 13.0514, -15.4562.

-15.4562.

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

33.3922, 13.0514, -15.4562

Protanopia

33.6561, 3.0531, -19.5877

Deuteranopia

33.5654, 2.0267, -14.1481



Tritanopia

33.3443, 3.3314, 0.4958

Trichromacy



Original Color

33.3922, 13.0514, -15.4562

Protanomaly

33.4700, 6.1472, -17.9384

Deuteranomaly

33.5027, 5.8543, -14.7867

Tritanomaly

33.3562, 6.5939, -4.5484

Monochromacy



Original Color

33.3922, 13.0514, -15.4562

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.9171, 3.2767, -3.8438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3922, 13.0514, -15.4562 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(109, 84, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 128)  
}
```

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(109, 84, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3922, 13.0514, -15.4562 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(109, 84, 128) }
```


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

```
.border{ border-color:rgb(109, 84, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3922, 13.0514, -15.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 128) }
```

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

```
.background{ background-color: rgb(109, 84,  
128) }
```

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