

Converting Colors

HunterLab(33.1589, 13.1139,
-10.3499)

Have a look what the booklet for
HunterLab(33.1589, 13.1139,
-10.3499) contains.

HunterLab(33.2101, 13.0083, -10.4667)	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(33.2101, 13.0083,
-10.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	715377
RGB	113, 83, 119
RGB Percent	44%, 33%, 47%
CMY	0.5569, 0.6745, 0.5333
CMYK	0.05, 0.30, 0.00, 0.53
HSL	290°, 18%, 40%
HSV	290°, 30%, 47%
XYZ	13.2331, 11.0291, 18.8841
YIQ	96.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

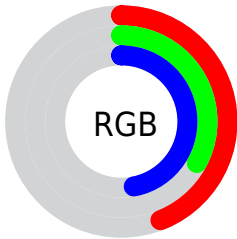
Format	Color
R_{YB}	113, 83, 119
Decimal	7426935
CIE _{Lab}	39.63, 19.36, -15.62
CIE _{LCh}	40, 24.878, 321.105
Yxy	11.0296, 0.3067, 0.2556
Android (android.graphics.Color)	4285617015 (0xFF715377)
YUV	96.0740, 11.3025, 14.8441
Hunter-Lab	33.2101, 13.0083, -10.4667

Details

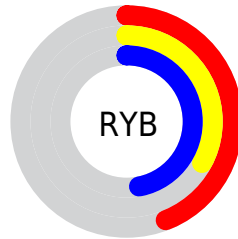
The HunterLab color $33.2101, 13.0083, -10.4667$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $39.9278, -14.9825, 12.1881$, and the grayscale version is $34.1867, -1.8241, 1.8574$.

A 20% lighter version of the original color is $52.6447, 13.8475, -10.7096$, and $16.8977, 11.4306, -9.7186$ is the 20% darker color. If you saturate the color by 10%, you get $30.3844, 18.1896, -15.0153$, and if you desaturate by 10%, it is $36.2527, 7.8609, -6.0673$.

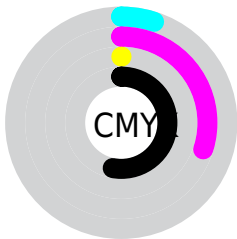
Distribution



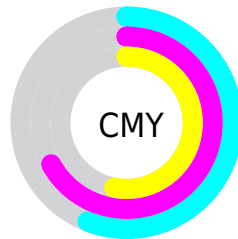
- Red (44%)
- Green (33%)
- Blue (47%)



- Red (44%)
- Yellow (33%)
- Blue (47%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2101, 13.0083, -10.4667 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 33.2101, 13.0083, -10.4667 by changing the saturation by 10% instead.

33.2101, 13.0083,
-10.4667

33.2101, 13.0083,
-10.4667

140.6664, 15.2594,
-10.3677

24.6713, 12.3011,
-10.1524

52.6449, 14.0671,
-10.8697

17.0232, 11.4495,
-9.7689

63.4240, 14.4508,
-10.9673

10.3859, 10.4287,
-9.3543

74.8524, 14.7518,
-11.0019

0.0000, INF, -NF

0.0000, NaN, NaN

86.8951, 14.9784,
-10.9778

0.0000, NaN, NaN

99.5223, 15.1374,
-10.8990

0.0000, NaN, NaN

0.0000, NaN, NaN

112.7079, 15.2342,

-10.7691

0.0000, NaN, NaN

126.4293, 15.2735,
-10.5911

■ 33.2101, 13.0083,
-10.4667

■ 33.2101, 13.0083,
-10.4667

■ 30.3844, 18.1896,
-15.0153

■ 36.2527, 7.8609,
-6.0673

■ 27.8102, 23.3162,
-19.6640

■ 39.4789, 2.7962,
-1.8353

■ 25.5307, 28.2293,
-24.3047

■ 42.8641, -2.1688,
2.2338

■ 23.5906, 32.6903,
-28.7555

■ 46.3877, -7.0322,
6.1535

■ 22.0305, 36.3898,
-32.7583

■ 50.0327, -11.8002,
9.9412

■ 20.8755, 39.0103,
-36.0229

■ 53.7855, -16.4829,
13.6148

■ 19.9850, 40.8893,
-38.7473

■ 57.6348, -21.0915,
17.1909

■ 61.5713, -25.6371,
20.6849

■ 65.5872, -30.1300,
24.1098

Harmonies

Analogous

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



33.2108, 4.7799, -17.8259



33.2101, 13.0083, -10.4667



33.2108, 17.3894, -0.8766

Triad

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



33.2108, 13.0074, -10.4659



33.2108, 0.9816, 14.4271



33.2108, -16.6024, -4.7780

Complementary

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



33.2101, 13.0083, -10.4667



39.9278, -14.9825, 12.1881

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.



33.2108, -17.3850, 4.2852



33.2101, 13.0083, -10.4667



33.2108, -7.8557, 13.9093

Square

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



33.2108, 13.0074, -10.4659



33.2108, 9.9707, 12.3473



33.2108, -14.3507, 10.6695



33.2108, -12.0837, -13.9741

Rectangle

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



33.2101, 13.0083, -10.4667



33.2108, 17.2467, 4.8632



33.2108, -14.3507, 10.6695



33.2108, -17.2903, -1.5687

Sweetspot

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



33.2108, 13.0074, -10.4659



53.2832, 3.0568, -1.8899



32.1188, 1.9784, -12.3913



25.6767, 1.8848, -1.2479



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



33.2108, 13.0074, -10.4659



41.8863, 22.0284, -18.0429



33.4222, 12.8379, -3.8570



19.3095, 1.0556, -0.6423



20.5910, 42.1348, -39.9660



45.1023, 92.5280, -89.3730

Inverse Universe

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



32.9092, 10.2335, 3.4294



41.4167, 17.5616, 5.1631



39.8235, -14.8728, 8.1594



19.2611, 0.6432, 1.2266



20.5397, 35.4277, 11.3120



45.2440, 77.8457, 26.4144

Previews

White Background



This preview shows how the HunterLab color 33.2101, 13.0083, -10.4667 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 33.2101, 13.0083, -10.4667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

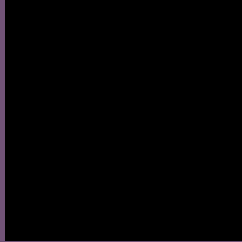
Any Text WCAG AA × Fail

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 33.2101, 13.0083, -10.4667 Background



This preview shows how black text looks on a background with the HunterLab color 33.2101, 13.0083, -10.4667.



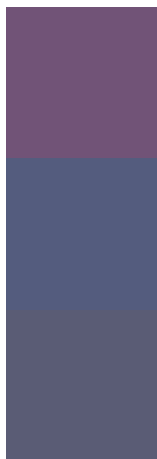
This preview shows how white text looks on a background with the HunterLab color 33.2101, 13.0083, -10.4667.

-10.4667.

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

33.2101, 13.0083, -10.4667

Protanopia

33.2347, 2.2574, -14.6947

Deuteranopia

33.3351, 1.9280, -9.3585



Tritanopia

33.2519, 5.4856, 1.2815

Trichromacy



Original Color

33.2101, 13.0083, -10.4667

Protanomaly

33.1779, 5.7834, -12.9417

Deuteranomaly

33.2407, 5.6203, -9.9899

Tritanomaly

33.1211, 8.0944, -2.8936

Monochromacy



Original Color

33.2101, 13.0083, -10.4667

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.6250, 3.3684, -2.3145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2101, 13.0083, -10.4667 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(113, 83, 119)` looks like.

```
.text, #text, p{  
    color:rgb(113, 83, 119)  
}
```

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(113, 83, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 83, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2101, 13.0083, -10.4667 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(113, 83, 119) }
```


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

```
.border{ border-color:rgb(113, 83, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 83, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 83, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 83, 119);  
box-shadow:4px 4px 4px 4px rgb(113, 83,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2101, 13.0083, -10.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 83, 119) }
```

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

```
.background{ background-color: rgb(113, 83,  
119) }
```

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