

Converting Colors

HunterLab(33.5953, 14.1760,
-19.1097)

Have a look what the booklet for
HunterLab(33.5953, 14.1760,
-19.1097) contains.

HunterLab(33.5411, 13.9874, -18.9561)	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(33.5411, 13.9874,
-18.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5486
RGB	108, 84, 134
RGB Percent	42%, 33%, 53%
CMY	0.5765, 0.6706, 0.4745
CMYK	0.19, 0.37, 0.00, 0.47
HSL	269°, 23%, 43%
HSV	269°, 37%, 53%
XYZ	13.6578, 11.2501, 24.0059
YIQ	96.8760, -1.7460, 20.6380

Conversions

Conversions Part 2

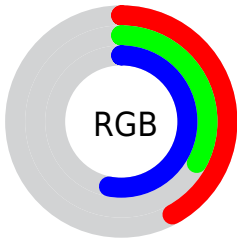
Format	Color
R_{YB}	108, 84, 134
Decimal	7099526
CIE _{Lab}	40.00, 20.52, -24.27
CIE _{LCh}	40, 31.781, 310.204
Yxy	11.2505, 0.2792, 0.2300
Android (android.graphics.Color)	4285289606 (0xFF6C5486)
YUV	96.8760, 18.3021, 9.7557
Hunter-Lab	33.5411, 13.9874, -18.9561

Details

The HunterLab color $33.5411, 13.9874, -18.9561$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $45.8319, -15.7252, 17.1150$, and the grayscale version is $34.4630, -1.8389, 1.8724$.

A 20% lighter version of the original color is $53.0204, 14.9193, -19.6409$, and $17.1934, 12.4460, -18.1113$ is the 20% darker color. If you saturate the color by 10%, you get $29.9098, 18.6868, -25.9523$, and if you desaturate by 10%, it is $37.4005, 9.3908, -12.5446$.

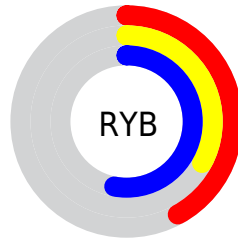
Distribution



Red (42%)

Green (33%)

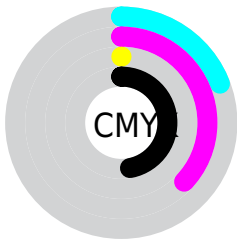
Blue (53%)



Red (42%)

Yellow (33%)

Blue (53%)

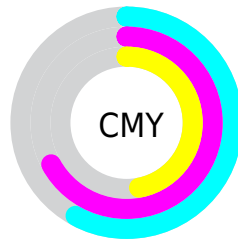


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (67%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5411, 13.9874, -18.9561 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 33.5411, 13.9874, -18.9561 by changing the saturation by 10% instead.

■ 33.5411, 13.9874,
-18.9561

■ 33.5411, 13.9874,
-18.9561

■ 141.2014, 16.6594,
-21.3081

■ 24.9712, 13.2248,
-18.4344

■ 53.0306, 15.1521,
-19.8806

■ 17.2883, 12.3165,
-17.9413

■ 63.8344, 15.5856,
-20.2575

■ 10.6109, 11.2405,
-17.6633

■ 75.2861, 15.9346,
-20.5737

0.0000, INF, -NF

■ 87.3508, 16.2075,
-20.8303

0.0000, NaN, -NF

■ 99.9990, 16.4112,
-21.0296

0.0000, NaN, NaN

113.2048, 16.5514,

0.0000, NaN, NaN

-21.1739

0.0000, NaN, NaN

126.9456, 16.6327,
-21.2659

■ 33.5411, 13.9874,
-18.9561

■ 33.5411, 13.9874,
-18.9561

■ 29.9098, 18.6868,
-25.9523

■ 37.4005, 9.3908,
-12.5446

■ 26.5531, 23.4385,
-33.5893

■ 41.4489, 4.9094,
-6.6362

■ 23.5347, 28.1067,
-41.8265

■ 45.6587, 0.5347,
-1.1441

■ 20.9318, 32.4168,
-50.4208

■ 50.0081, -3.7485,
4.0083

■ 18.8281, 35.9123,
-58.7938

■ 54.4802, -7.9565,
8.8854

■ 17.2175, 38.3151,
-66.3884

■ 59.0615, -12.1046,
13.5397

■ 16.7988, 39.0144,
-68.5698

■ 63.7412, -16.2062,
18.0139

■ 68.5105, -20.2728,
22.3420

■ 73.3621, -24.3138,
26.5516

Harmonies

Analogous

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



33.5418, 2.2843, -26.7729



33.5411, 13.9874, -18.9561



33.5418, 22.0869, -6.2532

Triad

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



33.5418, 13.9868, -18.9552



33.5418, 6.1657, 16.3572



33.5418, -21.1713, -2.1876

Complementary

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



33.5411, 13.9874, -18.9561



45.8319, -15.7252, 17.1150

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.



33.5418, -20.4295, 8.2902



33.5411, 13.9874, -18.9561



33.5418, -5.6816, 16.7890

Square

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



33.5418, 13.9868, -18.9552



33.5418, 17.1605, 12.9036



33.5418, -15.1033, 14.3953



33.5418, -17.2907, -15.1179

Rectangle

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



33.5411, 13.9874, -18.9561



33.5418, 23.7762, 1.9019



33.5418, -15.1033, 14.3953



33.5418, -21.4399, 1.7494

Sweetspot

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



33.5418, 13.9868, -18.9552



58.3858, 2.9762, -4.3246



38.6041, -4.6367, -10.9338



27.4153, 1.7207, -2.4383



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.5418, 13.9868, -18.9552



40.3189, 23.9732, -33.1724



36.0483, 21.3007, -14.5106



21.5547, 0.6326, -1.0126



16.2817, 37.7897, -66.2752



1.1613, 2.4700, -2.9796

Inverse Universe

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



35.4051, 17.7831, -2.5766



43.5398, 29.9376, -4.3377



44.3320, -21.4812, 15.7229



21.7397, 1.0894, 0.5426



22.7213, 40.7277, 0.5988



1.3914, 2.5917, -0.7197

Previews

White Background



This preview shows how the HunterLab color 33.5411, 13.9874, -18.9561 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 33.5411, 13.9874, -18.9561 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 33.5411, 13.9874, -18.9561 Background



This preview shows how black text looks on a background with the HunterLab color 33.5411, 13.9874, -18.9561.



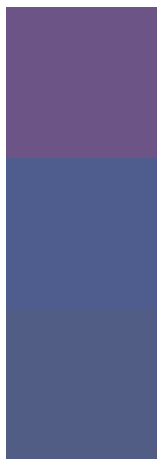
This preview shows how white text looks on a background with the HunterLab color 33.5411, 13.9874, -18.9561.

-18.9561.

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

33.5411, 13.9874, -18.9561

Protanopia

33.7216, 3.7870, -23.4605

Deuteranopia

33.5320, 2.3904, -17.8944



Tritanopia

33.4781, 2.5842, -0.2314

Trichromacy



Original Color

33.5411, 13.9874, -18.9561

Protanomaly

33.5725, 6.9825, -21.6542

Deuteranomaly

33.5111, 6.3624, -18.4998

Tritanomaly

33.3052, 6.6909, -6.6495

Monochromacy



Original Color

33.5411, 13.9874, -18.9561

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.9806, 3.6144, -4.7374

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5411, 13.9874, -18.9561 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(108, 84, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 84, 134)  
}
```

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(108, 84, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 84, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5411, 13.9874, -18.9561 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(108, 84, 134) }
```


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

```
.border{ border-color:rgb(108, 84, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 84, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 84, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 84, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 84,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5411, 13.9874, -18.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 84, 134) }
```

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

```
.background{ background-color: rgb(108, 84,  
134) }
```

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