

Converting Colors

HunterLab(34.7434, -1.4887,
-6.8140)

Have a look what the booklet for
HunterLab(34.7434, -1.4887,
-6.8140) contains.

HunterLab(34.7434, -1.4887, -6.8140)	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(34.7434, -1.4887,
-6.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	586274
RGB	88, 98, 116
RGB Percent	35%, 38%, 45%
CMY	0.6549, 0.6157, 0.5451
CMYK	0.24, 0.16, 0.00, 0.55
HSL	219°, 14%, 40%
HSV	219°, 24%, 45%
XYZ	11.5446, 12.0710, 18.2445
YIQ	97.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

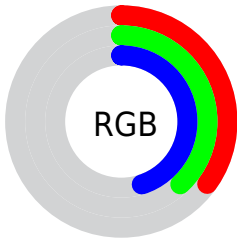
Format	Color
R_{YB}	88, 95, 116
Decimal	5792372
CIE Lab	41.33, 0.51, -11.42
CIE LCh	41, 11.428, 272.563
Yxy	12.0715, 0.2758, 0.2884
Android (android.graphics.Color)	4283982452 (0xFF586274)
YUV	97.0620, 9.3364, -7.9474
Hunter-Lab	34.7434, -1.4887, -6.8140

Details

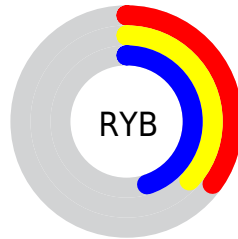
The HunterLab color $[34.7434, -1.4887, -6.8140]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[38.3741, -1.4834, 9.3547]$, and the grayscale version is $[34.5675, -1.8444, 1.8781]$.

A 20% lighter version of the original color is $[54.5209, -2.7695, -6.7392]$, and $[18.3455, -0.7138, -6.3826]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.9666, -0.8433, -10.9634]$, and if you desaturate by 10%, it is $[37.6092, -1.9210, -2.9074]$.

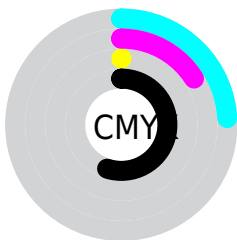
Distribution



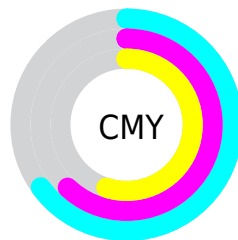
- Red (35%)
- Green (38%)
- Blue (45%)



- Red (35%)
- Yellow (37%)
- Blue (45%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7434, -1.4887, -6.8140 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 34.7434, -1.4887, -6.8140 by changing the saturation by 10% instead.

■ 34.7434, -1.4887,
-6.8140

■ 34.7434, -1.4887,
-6.8140

■ 143.1357, -7.0582,
-5.2367

■ 26.0623, -1.0589,
-6.6774

■ 54.4291, -2.4817,
-6.8591

■ 18.2555, -0.6790,
-6.4563

■ 65.3213, -3.0368,
-6.7828

■ 11.4357, -0.3572,
-6.1491

■ 76.8564, -3.6278,
-6.6481

■ 3.8366, 0.3756,
-12.1266

■ 89.0004, -4.2526,
-6.4596

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7242, -4.9094,
-6.2211

0.0000, NaN, NaN

115.0024, -5.5968,

0.0000, NaN, NaN

-5.9360

0.0000, NaN, NaN

128.8128, -6.3135,
-5.6070

■ 34.7434, -1.4887,
-6.8140

■ 34.7434, -1.4887,
-6.8140

■ 31.9666, -0.8433,
-10.9634

■ 37.6092, -1.9210,
-2.9074

■ 29.2884, 0.0574,
-15.4004

■ 40.5525, -2.1721,
0.7924

■ 26.7238, 1.2611,
-20.1696

■ 43.5661, -2.2701,
4.3188

■ 24.2905, 2.8231,
-25.3139

■ 46.6436, -2.2372,
7.6993

■ 22.0102, 4.8021,
-30.8627

■ 49.7796, -2.0919,
10.9574

■ 19.9087, 7.2502,
-36.8130

■ 52.9694, -1.8492,
14.1123

■ 18.0100, 10.1780,
-43.1194

■ 56.2093, -1.5215,
17.1805

■ 16.9615, 11.9959,
-47.0962

■ 59.4958, -1.1191,
20.1754

■ 62.8261, -0.6507,
23.1086

Harmonies

Analogous

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



34.7441, -5.5444, -5.7465



34.7434, -1.4887, -6.8140



34.7441, 2.6567, -5.3255

Triad

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



34.7441, -1.4892, -6.8133



34.7441, 5.3093, 5.8235



34.7441, -8.8205, 5.2884

Complementary

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



34.7434, -1.4887, -6.8140



38.3741, -1.4834, 9.3547

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.



34.7441, -6.1490, 7.8300



34.7434, -1.4887, -6.8140



34.7441, 1.9936, 8.1118

Square

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



34.7441, -1.4892, -6.8133



34.7441, 6.6980, 2.2373



34.7441, -2.2207, 8.8003



34.7441, -9.6544, 1.5415

Rectangle

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



34.7434, -1.4887, -6.8140



34.7441, 4.8797, -3.1784



34.7441, -2.2207, 8.8003



34.7441, -8.1141, 6.2960

Sweetspot

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



34.7441, -1.4892, -6.8133



52.5687, -2.8017, -0.4146



39.4978, -11.0137, 3.7857



25.5994, -1.3627, -0.2976



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



34.7441, -1.4892, -6.8133



43.9880, -1.5333, -12.0698



32.4073, 4.0376, -10.1896



19.4530, -1.0297, -0.4976



17.8760, 12.9317, -50.2592



37.5282, 33.4188, -119.0486

Inverse Universe

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



34.0215, 8.1293, 0.9677



42.9182, 14.0529, 1.0747



40.8140, -7.0329, 11.6138



19.2885, 0.7909, 0.8355



20.8484, 36.5657, 6.7890



45.8597, 80.1184, 17.3685

Previews

White Background



This preview shows how the HunterLab color 34.7434, -1.4887, -6.8140 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 34.7434, -1.4887, -6.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

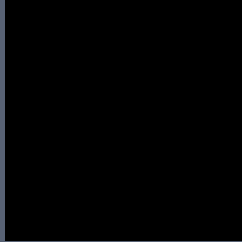
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

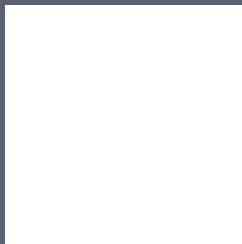
Any Text WCAG AAA × Fail

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

HunterLab 34.7434, -1.4887, -6.8140 Background



This preview shows how black text looks on a background with the HunterLab color 34.7434, -1.4887, -6.8140.



This preview shows how white text looks on a background with the HunterLab color 34.7434, -1.4887, -6.8140.

-6.8140.

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

34.7434, -1.4887, -6.8140

Protanopia

34.6168, 0.7488, -6.4364

Deuteranopia

34.6557, 2.3600, -7.3967



Tritanopia

34.5885, -4.0028, -2.6005

Trichromacy



Original Color

34.7434, -1.4887, -6.8140

Protanomaly

34.7311, -0.2217, -6.2915

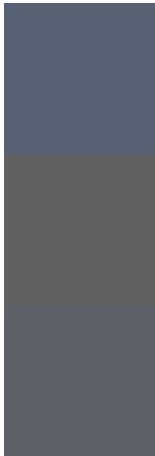
Deuteranomaly

34.6840, 1.1114, -7.3776

Tritanomaly

34.7501, -3.2471, -3.8133

Monochromacy



Original Color

34.7434, -1.4887, -6.8140

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.5377, -1.5772, -1.2284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7434, -1.4887, -6.8140 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(88, 98, 116)` looks like.

```
.text, #text, p{  
    color:rgb(88, 98, 116)  
}
```

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(88, 98, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 98, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7434, -1.4887, -6.8140 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(88, 98, 116) }
```


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

```
.border{ border-color:rgb(88, 98, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 98, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 98, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 98, 116);  
box-shadow:4px 4px 4px 4px rgb(88, 98,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7434, -1.4887, -6.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 98, 116) }
```

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

```
.background{ background-color: rgb(88, 98,  
116) }
```

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