

Converting Colors

HunterLab(34.4403, -4.6048,
-7.9912)

Have a look what the booklet for
HunterLab(34.4403, -4.6048,
-7.9912) contains.

| | |
|---|----|
| HunterLab(34.5474, -4.9220, -7.6812) | 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(34.5474, -4.9220,
-7.6812)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4C6475 |
| RGB | 76, 100, 117 |
| RGB Percent | 30%, 39%, 46% |
| CMY | 0.7020, 0.6078, 0.5412 |
| CMYK | 0.35, 0.15, 0.00, 0.54 |
| HSL | 205°, 21%, 38% |
| HSV | 205°, 35%, 46% |
| XYZ | 10.7486, 11.9352, 18.5669 |
| YIQ | 94.7620, -19.7610, 0.1990 |

Conversions

Conversions Part 2

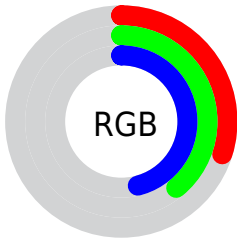
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 91, 117 |
| Decimal | 5006453 |
| CIE _{Lab} | 41.11, -4.39, -12.43 |
| CIE _{LCh} | 41, 13.186, 250.573 |
| Yxy | 11.9357, 0.2606, 0.2893 |
| Android (android.graphics.Color) | 4283196533 (0xFF4C6475) |
| YUV | 94.7620, 10.9633, -16.4543 |
| Hunter-Lab | 34.5474, -4.9220, -7.6812 |

Details

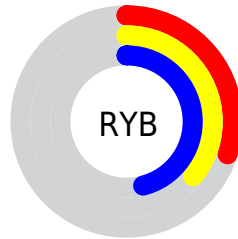
The HunterLab color **34.5474, -4.9220, -7.6812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34.8320, 3.3847, 9.8833**, and the grayscale version is **33.7062, -1.7985, 1.8313**.

A 20% lighter version of the original color is **54.2526, -6.6595, -7.7078**, and **17.9919, -3.1712, -7.5227** is the 20% darker color. If you saturate the color by 10%, you get **32.5518, -5.1414, -10.6858**, and if you desaturate by 10%, it is **36.6304, -4.4384, -4.7472**.

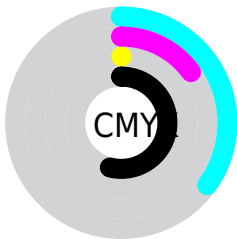
Distribution



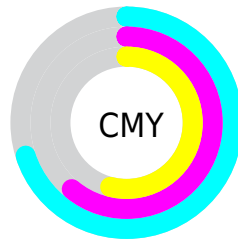
- Red (30%)
- Green (39%)
- Blue (46%)



- Red (30%)
- Yellow (36%)
- Blue (46%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5474, -4.9220, -7.6812 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 34.5474, -4.9220, -7.6812 by changing the saturation by 10% instead.

■ 34.5474, -4.9220,
-7.6812

■ 34.5474, -4.9220,
-7.6812

142.8213,
-12.6211, -6.4620

■ 25.8842, -4.1666,
-7.4997

■ 54.2014, -6.4871,
-7.8143

■ 18.0974, -3.4232,
-7.2353

■ 65.0793, -7.2997,
-7.7803

■ 11.3005, -2.6820,
-6.8923

■ 76.6009, -8.1335,
-7.6865

■ 3.5114, -5.6300,
-14.4972

■ 88.7321, -8.9886,
-7.5376

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.4436, -9.8651,
-7.3376

0.0000, NaN, NaN

114.7101,

0.0000, NaN, NaN

-10.7628, -7.0898

0.0000, NaN, NaN

128.5093,
-11.6816, -6.7970

■ 34.5474, -4.9220,
-7.6812

■ 34.5474, -4.9220,
-7.6812

■ 32.5518, -5.1414,
-10.6858

■ 36.6304, -4.4384,
-4.7472

■ 30.6489, -5.0643,
-13.7602

■ 38.7916, -3.7188,
-1.8851

■ 28.8473, -4.6599,
-16.8965

■ 41.0253, -2.7902,
0.9082

■ 27.1547, -3.8996,
-20.0822

■ 43.3259, -1.6765,
3.6367

■ 25.5779, -2.7621,
-23.2994

■ 45.6881, -0.3985,
6.3054

■ 24.1144, -1.2647,
-26.5426

■ 48.1072, 1.0253,
8.9193

■ 23.4055, -0.4799,
-28.2189

■ 50.5792, 2.5793,
11.4835

■ 53.1005, 4.2497,
14.0030

■ 55.6677, 6.0246,
16.4826

Harmonies

Analogous

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



34.5481, -8.7121, -4.4690



34.5474, -4.9220, -7.6812



34.5481, -0.1001, -8.1368

Triad

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



34.5481, -4.9223, -7.6806



34.5481, 7.9091, 3.4844



34.5481, -7.7601, 8.0172

Complementary

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



34.5474, -4.9220, -7.6812



34.8320, 3.3847, 9.8833

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.



34.5481, -3.5565, 9.5793



34.5474, -4.9220, -7.6812



34.5481, 5.6037, 7.2151

Square

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



34.5481, -4.9223, -7.6806



34.5481, 7.4930, -1.2341



34.5481, 1.3435, 9.3077



34.5481, -10.2862, 4.7297

Rectangle

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



34.5474, -4.9220, -7.6812



34.5481, 3.0769, -6.7568



34.5481, 1.3435, 9.3077



34.5481, -6.5064, 8.7392

Sweetspot

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



34.5481, -4.9223, -7.6806



53.0216, -4.5404, -1.1077



38.7803, -15.8928, 7.9968



25.2784, -2.2356, -0.7144



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.



34.5481, -4.9223, -7.6806



44.0727, -6.8525, -13.5052



29.2801, 4.0394, -15.9664



19.7807, -1.5700, -0.0986



24.5047, -0.3970, -29.7717



52.4808, 1.9067, -69.7125

Inverse Universe

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



31.4186, 14.4502, -3.1400



39.2294, 24.5204, -5.4129



40.1148, -5.5245, 14.5154



19.3222, 0.9717, 0.3568



21.5178, 39.0031, -2.7869



47.3179, 85.4380, -3.5689

Previews

White Background



This preview shows how the HunterLab color 34.5474, -4.9220, -7.6812 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 34.5474, -4.9220, -7.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

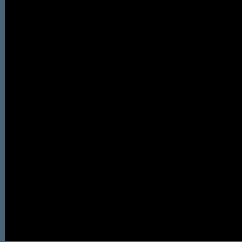
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

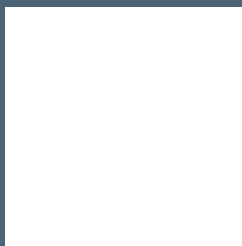
Any Text WCAG AAA × Fail

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

HunterLab 34.5474, -4.9220, -7.6812 Background



This preview shows how black text looks on a background with the HunterLab color 34.5474, -4.9220, -7.6812.



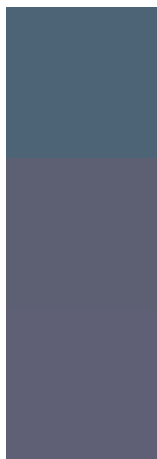
This preview shows how white text looks on a background with the HunterLab color 34.5474, -4.9220, -7.6812.

-7.6812.

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

34.5474, -4.9220, -7.6812

Protanopia

34.5077, 0.3105, -6.0836

Deuteranopia

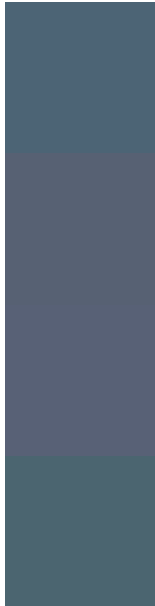
34.5331, 2.0161, -8.1126



Tritanopia

34.4490, -7.2366, -3.8002

Trichromacy



Original Color

34.5474, -4.9220, -7.6812

Protanomaly

34.3707, -1.4651, -6.8258

Deuteranomaly

34.5429, -0.6662, -8.1451

Tritanomaly

34.6021, -6.4913, -5.0583

Monochromacy



Original Color

34.5474, -4.9220, -7.6812

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.0637, -3.2933, -1.4026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5474, -4.9220, -7.6812 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(76, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(76, 100, 117)  
}
```

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(76, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 100, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5474, -4.9220, -7.6812 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(76, 100, 117) }
```


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

```
.border{ border-color:rgb(76, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(76, 100,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.5474, -4.9220, -7.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 100, 117) }
```

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

```
.background{ background-color: rgb(76, 100,  
117) }
```

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