

Converting Colors

HunterLab(34.9142, 0.7464,
-19.3048)

Have a look what the booklet for
HunterLab(34.9142, 0.7464,
-19.3048) contains.

HunterLab(34.9142, 0.7464, -19.3048)	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(34.9142, 0.7464,
-19.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	4E628A
RGB	78, 98, 138
RGB Percent	31%, 38%, 54%
CMY	0.6941, 0.6157, 0.4588
CMYK	0.43, 0.29, 0.00, 0.46
HSL	220°, 28%, 42%
HSV	220°, 43%, 54%
XYZ	12.0970, 12.1900, 25.7600
YIQ	96.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

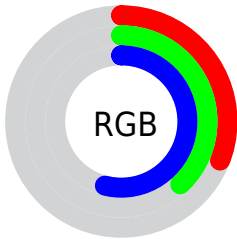
Format	Color
R_{YB}	78, 93, 138
Decimal	5137034
CIE Lab	41.52, 3.59, -24.53
CIE LCh	42, 24.791, 278.327
Yxy	12.1905, 0.2417, 0.2436
Android (android.graphics.Color)	4283327114 (0xFF4E628A)
YUV	96.5800, 20.4201, -16.2947
Hunter-Lab	34.9142, 0.7464, -19.3048

Details

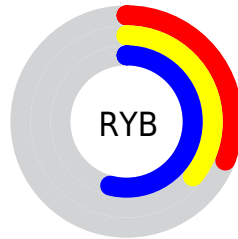
The HunterLab color $34.9142, 0.7464, -19.3048$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.4863, -0.8401, 16.9536$, and the grayscale version is $34.3509, -1.8329, 1.8663$.

A 20% lighter version of the original color is $54.8147, 0.0340, -20.1636$, and $18.4217, 1.1085, -18.3441$ is the 20% darker color. If you saturate the color by 10%, you get $31.6916, 2.3898, -25.4143$, and if you desaturate by 10%, it is $38.2853, -0.5132, -13.6546$.

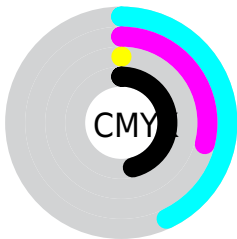
Distribution



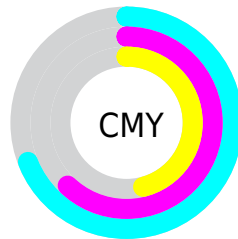
- Red (31%)
- Green (38%)
- Blue (54%)



- Red (31%)
- Yellow (36%)
- Blue (54%)



- Cyan (43%)
- Magenta (29%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9142, 0.7464, -19.3048 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 34.9142, 0.7464, -19.3048 by changing the saturation by 10% instead.

■ 34.9142, 0.7464,
-19.3048

■ 34.9142, 0.7464,
-19.3048

■ 143.4093, -3.5147,
-21.6469

■ 26.2174, 0.9802,
-18.7818

■ 54.6274, 0.1023,
-20.2259

■ 18.3933, 1.1427,
-18.2777

■ 65.5320, -0.2952,
-20.6008

■ 11.5537, 1.2175,
-17.9526

■ 77.0788, -0.7370,
-20.9153

■ 4.0984, 3.5986,
-29.4129

■ 89.2340, -1.2200,
-21.1706

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.9684, -1.7413,
-21.3690

0.0000, NaN, NaN

115.2568, -2.2988,

0.0000, NaN, NaN

-21.5129

0.0000, NaN, NaN

129.0770, -2.8905,
-21.6047

■ 34.9142, 0.7464,
-19.3048

■ 34.9142, 0.7464,
-19.3048

■ 31.6916, 2.3898,
-25.4143

■ 38.2853, -0.5132,
-13.6546

■ 28.6400, 4.4918,
-32.0509

■ 41.7834, -1.4531,
-8.3981

■ 25.7909, 7.1309,
-39.2593

■ 45.3934, -2.1269,
-3.4720

■ 23.1815, 10.3748,
-47.0323

■ 49.1028, -2.5784,
1.1783

■ 20.8547, 14.2453,
-55.2601

■ 52.9013, -2.8429,
5.5990

■ 19.4652, 16.9631,
-60.9483

■ 56.7805, -2.9490,
9.8287

■ 60.7336, -2.9198,
13.8992

■ 64.7546, -2.7743,
17.8371

■ 68.8385, -2.5279,
21.6640

Harmonies

Analogous

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



34.9149, -8.1881, -17.7411



34.9142, 0.7464, -19.3048



34.9149, 9.8530, -14.1313

Triad

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



34.9149, 0.7463, -19.3040



34.9149, 13.1977, 10.8425



34.9149, -16.8918, 7.5847

Complementary

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



34.9142, 0.7464, -19.3048



43.4863, -0.8401, 16.9536

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.



34.9149, -12.2158, 12.7309



34.9142, 0.7464, -19.3048



34.9149, 4.9431, 14.2429

Square

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



34.9149, 0.7463, -19.3040



34.9149, 17.5151, 4.2612



34.9149, -4.4014, 14.8304



34.9149, -17.7654, -0.6374

Rectangle

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



34.9142, 0.7464, -19.3048



34.9149, 14.5823, -8.1914



34.9149, -4.4014, 14.8304



34.9149, -15.7379, 9.6623

Sweetspot

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



34.9149, 0.7463, -19.3040



60.3633, -2.8384, -4.4837



45.9401, -20.1672, 5.8344



28.1389, -1.2738, -2.7135



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



34.9149, 0.7463, -19.3040



42.2278, 3.0832, -33.4336



30.5924, 12.6108, -27.5289



22.6870, -1.1333, -0.6905



18.7047, 16.0715, -58.0729



2.1927, -0.0606, -2.6099

Inverse Universe

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



34.2554, 20.3552, 1.4636



41.7184, 33.8141, 2.5468



48.2871, -12.9133, 20.6775



22.5262, 0.9696, 1.0285



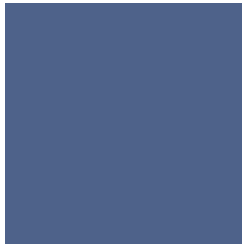
22.6658, 39.6248, 8.3756



1.9140, 3.4725, -0.2719

Previews

White Background



This preview shows how the HunterLab color 34.9142, 0.7464, -19.3048 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 34.9142, 0.7464, -19.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

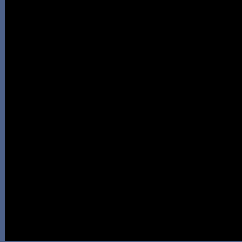
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

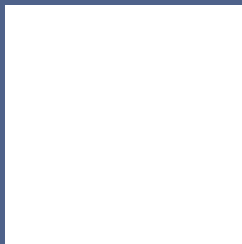
Any Text WCAG AAA × Fail

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

HunterLab 34.9142, 0.7464, -19.3048 Background



This preview shows how black text looks on a background with the HunterLab color 34.9142, 0.7464, -19.3048.



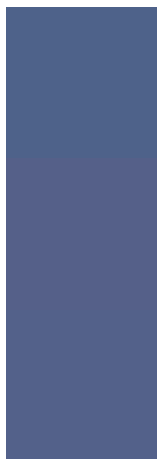
This preview shows how white text looks on a background with the HunterLab color 34.9142, 0.7464, -19.3048.

-19.3048.

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

34.9142, 0.7464, -19.3048

Protanopia

34.7896, 2.9691, -18.8450

Deuteranopia

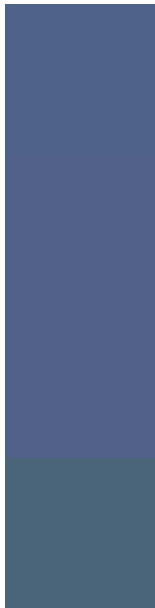
34.9619, 2.2757, -19.1930



Tritanopia

34.9110, -8.3382, -4.1749

Trichromacy



Original Color

34.9142, 0.7464, -19.3048

Protanomaly

34.8559, 1.8363, -18.7472

Deuteranomaly

34.8335, 1.8432, -19.4301

Tritanomaly

34.8478, -5.0027, -9.3914

Monochromacy



Original Color

34.9142, 0.7464, -19.3048

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.4861, -1.2626, -5.1266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9142, 0.7464, -19.3048 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(78, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(78, 98, 138)  
}
```

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(78, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 98, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9142, 0.7464, -19.3048 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(78, 98, 138) }
```


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

```
.border{ border-color:rgb(78, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(78, 98,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9142, 0.7464, -19.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 98, 138) }
```

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

```
.background{ background-color: rgb(78, 98,  
138) }
```

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