

Converting Colors

HunterLab(59.9217, -14.3125,
34.7303)

Have a look what the booklet for
HunterLab(59.9217, -14.3125,
34.7303) contains.

HunterLab(59.8838, -14.2365, 34.6633)	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(59.8838,
-14.2365, 34.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A628
RGB	169, 166, 40
RGB Percent	66%, 65%, 16%
CMY	0.3373, 0.3490, 0.8431
CMYK	0.00, 0.02, 0.76, 0.34
HSL	59°, 62%, 41%
HSV	59°, 76%, 66%
XYZ	30.3814, 35.8607, 7.3280
YIQ	152.5330, 42.2340, -38.5500

Conversions

Conversions Part 2

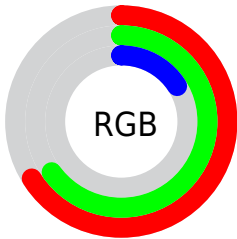
Format	Color
R _Y B	43, 169, 40
Decimal	11118120
CIE Lab	66.41, -13.36, 60.74
CIE LCh	66, 62.191, 102.408
Yxy	35.8624, 0.4130, 0.4874
Android (android.graphics.Color)	4289308200 (0xFFA9A628)
YUV	152.5330, -55.4788, 14.4416
Hunter-Lab	59.8838, -14.2365, 34.6633

Details

The HunterLab color $59.8838, -14.2365, 34.6633$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $22.4578, 31.4425, -84.7083$, and the grayscale version is $56.4575, -3.0124, 3.0674$.

A 20% lighter version of the original color is $82.9990, -16.9711, 42.9413$, and $39.4276, -10.9251, 24.1038$ is the 20% darker color. If you saturate the color by 10%, you get $59.6900, -14.4939, 35.7163$, and if you desaturate by 10%, it is $60.1219, -13.7492, 33.0011$.

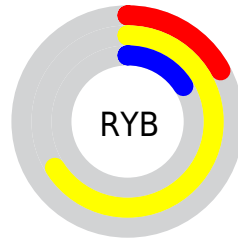
Distribution



Red (66%)

Green (65%)

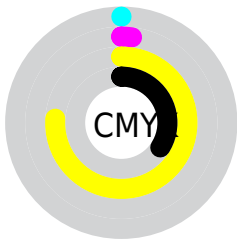
Blue (16%)



Red (17%)

Yellow (66%)

Blue (16%)

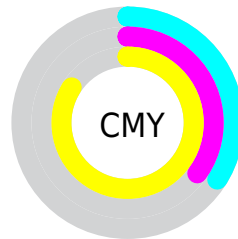


Cyan (0%)

Magenta (2%)

Yellow (76%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8838, -14.2365, 34.6633 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 59.8838, -14.2365, 34.6633 by changing the saturation by 10% instead.

■ 59.8838, -14.2365,
34.6633

■ 59.8838, -14.2365,
34.6633

181.2067,
-25.9663, 67.9163

■ 49.3233, -12.9287,
30.2145

■ 82.9576, -16.8296,
42.9503

■ 39.4678, -11.5988,
25.5219

■ 95.3998, -18.1207,
46.8438

■ 30.3733, -10.2361,
20.9822

■ 108.4084,
-19.4135, 50.6018

■ 22.1099, -8.8199,
15.4769

■ 121.9599,
-20.7101, 54.2430

■ 14.7715, -7.3140,
10.3401

■ 136.0332,
-22.0125, 57.7830

■ 8.4270, -7.3601,
5.8989

■ 150.6097,

0.0000, NaN, NaN

-23.3220, 61.2348

0.0000, NaN, NaN

165.6726,
-24.6396, 64.6095

0.0000, NaN, NaN

■ 59.8838, -14.2365,
34.6633

■ 59.8838, -14.2365,
34.6633

■ 59.6900, -14.4939,
35.7163

■ 60.1219, -13.7492,
33.0011

■ 59.5301, -14.5501,
36.2500

■ 60.4046, -13.0022,
30.6681

■ 59.4749, -14.5506,
36.3934

■ 60.7366, -11.9798,
27.6191

■ 61.1208, -10.6685,
23.8199

■ 61.5597, -9.0590,
19.2468

■ 62.0549, -7.1454,
13.8851

■ 62.6079, -4.9247,
7.7286

■ 63.2199, -2.3974,
0.7786

■ 63.8914, 0.4338,
-6.9569

Harmonies

Analogous

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



59.8852, 13.7978, 34.2672



59.8838, -14.2365, 34.6633



59.8852, -35.1043, 29.9326

Triad

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



59.8852, -14.2386, 34.6637



59.8852, -37.7252, -42.0735



59.8852, 56.6288, -14.2013

Complementary

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



59.8838, -14.2365, 34.6633



22.4578, 31.4425, -84.7083

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.



59.8852, 37.2053, -47.6378



59.8838, -14.2365, 34.6633



59.8852, -18.4881, -68.1233

Square

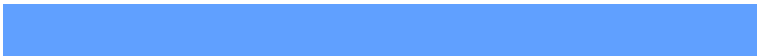
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8852, -14.2386, 34.6637



59.8852, -46.9111, -8.7055



59.8852, 8.7042, -70.5272



59.8852, 58.3356, 13.1734

Rectangle

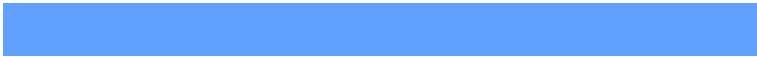
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8838, -14.2365, 34.6633



59.8852, -43.5331, 22.3269



59.8852, 8.7042, -70.5272



59.8852, 51.8119, -25.3400

Sweetspot

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



59.8852, -14.2386, 34.6637



82.5686, -11.4187, 23.7740



31.8387, 42.8504, 15.8755



38.4451, -5.7209, 12.1970



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



59.8852, -14.2386, 34.6637



79.7210, -19.4713, 48.3716



56.3628, -32.5928, 32.0477



29.5694, -2.6581, 4.5607



51.3563, -12.5780, 31.4253



8.0664, -2.0437, 4.9347

Inverse Universe

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



22.4578, 31.4425, -84.7083



24.1601, 56.4117, -149.0985



26.6522, 41.7530, -66.3479



27.0692, -0.2538, -1.7634



14.8644, 38.5294, -101.7530



2.4945, 5.2949, -14.5481

Previews

White Background



This preview shows how the HunterLab color 59.8838, -14.2365, 34.6633 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.8838, -14.2365, 34.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

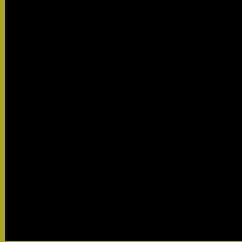
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.8838, -14.2365, 34.6633 Background



This preview shows how black text looks on a background with the HunterLab color 59.8838, -14.2365, 34.6633.



This preview shows how white text looks on a background with the HunterLab color 59.8838, -14.2365, 34.6633.

-14.2365, 34.6633.

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

59.8838, -14.2365, 34.6633

Protanopia

59.8422, -8.2509, 34.8283

Deuteranopia

59.7296, 4.5911, 34.3197



Tritanopia

59.8468, 6.4802, 0.7717

Trichromacy



Original Color

59.8838, -14.2365, 34.6633

Protanomaly

59.7394, -10.1393, 34.7286

Deuteranomaly

59.7595, -2.5221, 34.4152

Tritanomaly

59.4060, -3.2157, 18.4956

Monochromacy



Original Color

59.8838, -14.2365, 34.6633

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

57.4408, -9.0056, 19.4144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8838, -14.2365, 34.6633 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(169, 166, 40)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 40)  
}
```

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(169, 166, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8838, -14.2365, 34.6633 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(169, 166, 40) }
```


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

```
.border{ border-color:rgb(169, 166, 40) }
```

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

Here you see how a box with a 4 pixel rgb(169, 166, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 40);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8838, -14.2365, 34.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 40) }
```

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

```
.background{ background-color: rgb(169,  
166, 40) }
```

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