

Converting Colors

HunterLab(34.8844, 61.9754,
-19.7893)

Have a look what the booklet for
HunterLab(34.8844, 61.9754,
-19.7893) contains.

HunterLab(34.8566, 61.9352, -19.6399)	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(34.8566, 61.9352,
-19.6399)**

Conversions

Conversions Part 1

Format	Color
Hex	B5128C
RGB	181, 18, 140
RGB Percent	71%, 7%, 55%
CMY	0.2902, 0.9293, 0.4510
CMYK	0.00, 0.90, 0.23, 0.29
HSL	315°, 82%, 39%
HSV	315°, 90%, 71%
XYZ	24.0060, 12.1498, 25.8908
YIQ	80.6450, 57.9860, 72.4980

Conversions

Conversions Part 2

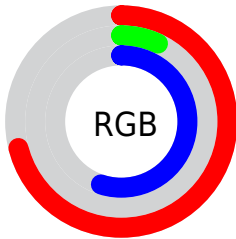
Format	Color
R_{YB}	181, 18, 140
Decimal	11866764
CIE _{Lab}	41.45, 68.41, -24.85
CIE _{LCh}	41, 72.782, 340.038
Yxy	12.1505, 0.3869, 0.1958
Android (android.graphics.Color)	4290056844 (0xFFB5128C)
YUV	80.6450, 29.2620, 88.0113
Hunter-Lab	34.8566, 61.9352, -19.6399

Details

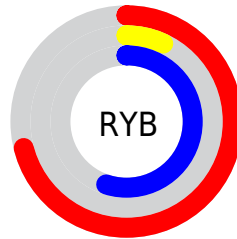
The HunterLab color **34.8566, 61.9352, -19.6399** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **57.8728, -47.1051, 30.5948**, and the grayscale version is **28.4427, -1.5176, 1.5453**.

A 20% lighter version of the original color is **54.6883, 66.4138, -20.4721**, and **22.2467, 41.4162, -11.3460** is the 20% darker color. If you saturate the color by 10%, you get **34.0386, 63.4699, -18.1417**, and if you desaturate by 10%, it is **36.2261, 58.6412, -20.1993**.

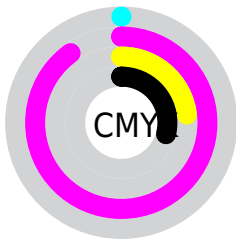
Distribution



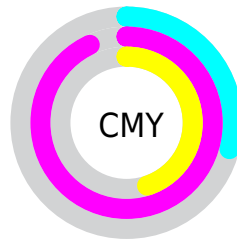
- Red (71%)
- Green (7%)
- Blue (55%)



- Red (71%)
- Yellow (7%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (23%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8566, 61.9352, -19.6399 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 34.8566, 61.9352, -19.6399 by changing the saturation by 10% instead.

■ 34.8566, 61.9352,
-19.6399

■ 34.8566, 61.9352,
-19.6399

■ 143.3174, 79.6131,
-22.0640

■ 26.1653, 59.7003,
-19.1117

■ 54.5608, 66.4460,
-20.5760

■ 18.3470, 57.7264,
-18.6086

■ 65.4613, 68.6062,
-20.9601

■ 11.5140, 56.6222,
-18.2982

■ 77.0042, 70.6754,
-21.2841

■ 4.0124, 93.2362,
-30.5436

■ 89.1556, 72.6488,
-21.5492

0.0000, INF, -NF

0.0000, NaN, NaN

■ 101.8864, 74.5265,
-21.7573

0.0000, NaN, NaN

■ 115.1714, 76.3108,

0.0000, NaN, NaN

-21.9109

0.0000, NaN, NaN

128.9883, 78.0051,
-22.0123

■ 34.8566, 61.9352,
-19.6399

■ 34.8566, 61.9352,
-19.6399

■ 34.0386, 63.4699,
-18.1417

■ 36.2261, 58.6412,
-20.1993

■ 38.2829, 53.3891,
-19.5811

■ 41.0141, 46.5980,
-17.8919

■ 44.3654, 38.7885,
-15.3416

■ 48.2645, 30.4217,
-12.1584

■ 52.6365, 21.8332,
-8.5388

■ 57.4128, 13.2346,
-4.6307

■ 62.5342, 4.7423,
-0.5372

■ 67.9513, -3.5897,
3.6740

Harmonies

Analogous

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



34.8575, 38.4226, -61.4455



34.8566, 61.9352, -19.6399



34.8575, 65.7739, 9.4833

Triad

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



34.8575, 61.9324, -19.6385



34.8575, -10.4929, 24.4003



34.8575, -33.4735, -47.4691

Complementary

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



34.8566, 61.9352, -19.6399



57.8728, -47.1051, 30.5948

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.



34.8575, -39.7801, -7.9031



34.8566, 61.9352, -19.6399



34.8575, -29.4627, 22.5162

Square

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



34.8575, 61.9324, -19.6385



34.8575, 17.7846, 24.0360



34.8575, -38.5794, 14.9384



34.8575, -17.9362, -84.3319

Rectangle

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



34.8566, 61.9352, -19.6399



34.8575, 55.7352, 18.7142



34.8575, -38.5794, 14.9384



34.8575, -36.4902, -33.1838

Sweetspot

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



34.8575, 61.9324, -19.6385



72.0517, 26.2267, -10.1010



21.6611, 47.3568, -105.4824



32.5349, 13.9872, -5.4891



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



34.8575, 61.9324, -19.6385



45.5108, 84.7898, -23.7014



32.5120, 53.2172, 13.4783



29.3419, 1.9237, -0.1080



28.2823, 52.7711, -15.3426



5.1029, 9.6659, -3.8891

Inverse Universe

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



34.8575, 61.9324, -19.6385



45.5108, 84.7898, -23.7014



59.2264, -38.7693, 10.8800



29.3419, 1.9237, -0.1080



28.2823, 52.7711, -15.3426



5.1029, 9.6659, -3.8891

Previews

White Background



This preview shows how the HunterLab color 34.8566, 61.9352, -19.6399 looks on a white background.

Color Contrast Check

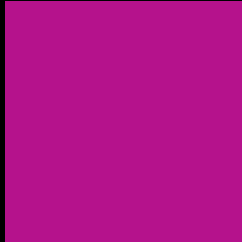
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8566, 61.9352, -19.6399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

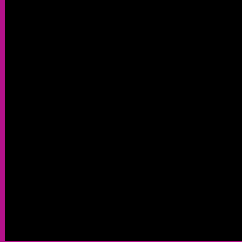
Any Text WCAG AA × Fail

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 34.8566, 61.9352, -19.6399 Background



This preview shows how black text looks on a background with the HunterLab color 34.8566, 61.9352, -19.6399.



This preview shows how white text looks on a background with the HunterLab color 34.8566, 61.9352, -19.6399.

-19.6399.

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

34.8566, 61.9352, -19.6399

Protanopia

35.6740, 11.9959, -64.6048

Deuteranopia

35.5660, 2.3925, -13.8385



Tritanopia

35.1660, 39.7646, 15.1576

Trichromacy



Original Color

34.8566, 61.9352, -19.6399

Protanomaly

30.6475, 28.0435, -60.0857

Deuteranomaly

32.0352, 26.0883, -21.5462

Tritanomaly

34.3455, 47.9891, 5.6882

Monochromacy



Original Color

34.8566, 61.9352, -19.6399

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.8699, 23.2647, -9.1614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8566, 61.9352, -19.6399 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(181, 18, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 18, 140)  
}
```

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(181, 18, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 18, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8566, 61.9352, -19.6399 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(181, 18, 140) }
```


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

```
.border{ border-color:rgb(181, 18, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 18, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 18, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 18, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 18,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8566, 61.9352, -19.6399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 18, 140) }
```

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

```
.background{ background-color: rgb(181, 18,  
140) }
```

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