

Converting Colors

HunterLab(34.9613, 39.5495,
-12.9555)

Have a look what the booklet for
HunterLab(34.9613, 39.5495,
-12.9555) contains.

HunterLab(34.9164, 39.7690, -13.0551)	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(34.9164, 39.7690,
-13.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3D81
RGB	158, 61, 129
RGB Percent	62%, 24%, 51%
CMY	0.3804, 0.7608, 0.4941
CMYK	0.00, 0.61, 0.18, 0.38
HSL	318°, 44%, 43%
HSV	318°, 61%, 62%
XYZ	19.7317, 12.1915, 22.0821
YIQ	97.7550, 35.9840, 41.7120

Conversions

Conversions Part 2

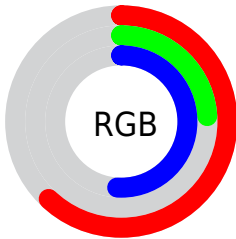
Format	Color
R_{YB}	158, 61, 129
Decimal	10370433
CIE _{Lab}	41.52, 48.13, -18.33
CIE _{LCh}	42, 51.504, 339.148
Yxy	12.1921, 0.3654, 0.2258
Android (android.graphics.Color)	4288560513 (0xFF9E3D81)
YUV	97.7550, 15.4038, 52.8349
Hunter-Lab	34.9164, 39.7690, -13.0551

Details

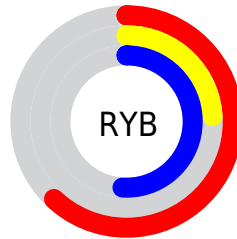
The HunterLab color **34.9164, 39.7690, -13.0551** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51.1707, -33.7446, 19.7314**, and the grayscale version is **34.7923, -1.8564, 1.8903**.

A 20% lighter version of the original color is **54.6435, 43.1571, -13.5926**, and **18.6085, 34.9800, -12.1024** is the 20% darker color. If you saturate the color by 10%, you get **32.5942, 45.3828, -13.9748**, and if you desaturate by 10%, it is **37.7666, 33.2796, -11.3957**.

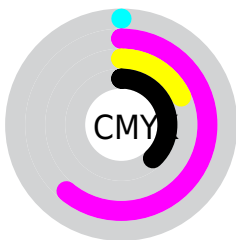
Distribution



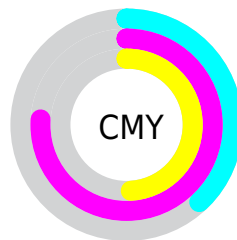
- Red (62%)
- Green (24%)
- Blue (51%)



- Red (62%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9164, 39.7690, -13.0551 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 34.9164, 39.7690, -13.0551 by changing the saturation by 10% instead.

34.9164, 39.7690,
-13.0551

34.9164, 39.7690,
-13.0551

143.4131, 51.8798,
-13.6916

26.2196, 37.9043,
-12.6677

54.6302, 43.1809,
-13.6208

18.3952, 35.9975,
-12.2270

65.5350, 44.7178,
-13.8026

11.5554, 34.2395,
-11.7894

77.0820, 46.1461,
-13.9212

4.1020, 55.3720,
-19.6273

89.2373, 47.4721,
-13.9804

0.0000, INF, -NF

0.0000, NaN, NaN

101.9718, 48.7025,
-13.9839

0.0000, NaN, NaN

115.2603, 49.8435,

0.0000, NaN, NaN

-13.9350

0.0000, NaN, NaN

129.0807, 50.9008,
-13.8366

■ 34.9164, 39.7690,
-13.0551

■ 34.9164, 39.7690,
-13.0551

■ 32.5942, 45.3828,
-13.9748

■ 37.7666, 33.2796,
-11.3957

■ 30.8433, 49.6928,
-14.0093

■ 41.0812, 26.3076,
-9.1737

■ 29.6758, 52.3496,
-13.0997

■ 44.7977, 19.1347,
-6.5449

■ 29.0027, 53.6070,
-11.7931

■ 48.8577, 11.9410,
-3.6321

■ 53.2111, 4.8268,
-0.5240

■ 57.8160, -2.1604,
2.7184

■ 62.6380, -9.0054,
6.0542

■ 67.6494, -15.7105,
9.4568

■ 72.8272, -22.2871,
12.9089

Harmonies

Analogous

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



34.9173, 24.6334, -37.7779



34.9164, 39.7690, -13.0551



34.9173, 42.5711, 7.0358

Triad

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



34.9173, 39.7670, -13.0540



34.9173, -7.5428, 21.8343



34.9173, -26.1314, -28.3357

Complementary

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



34.9164, 39.7690, -13.0551



51.1707, -33.7446, 19.7314

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.



34.9173, -31.3499, -4.1566



34.9164, 39.7690, -13.0551



34.9173, -22.2497, 19.6400

Square

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



34.9173, 39.7670, -13.0540



34.9173, 12.2723, 21.3689



34.9173, -30.1016, 12.2332



34.9173, -14.0587, -49.4242

Rectangle

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



34.9164, 39.7690, -13.0551



34.9173, 36.5826, 15.0443



34.9173, -30.1016, 12.2332



34.9173, -28.6126, -19.8969

Sweetspot

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



34.9173, 39.7670, -13.0540



67.5830, 13.1639, -3.6456



28.1162, 26.4177, -50.4261



31.3346, 7.5169, -2.2718



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



34.9173, 39.7670, -13.0540



42.8712, 63.7570, -19.0032



33.4913, 33.5597, 7.0856



25.9244, 1.5879, 0.0770



25.9691, 48.0237, -10.7445



3.5725, 6.7766, -2.7973

Inverse Universe

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



34.9173, 39.7670, -13.0540



42.8712, 63.7570, -19.0032



52.2033, -27.5307, 4.8122



25.9244, 1.5879, 0.0770



25.9691, 48.0237, -10.7445



3.5725, 6.7766, -2.7973

Previews

White Background



This preview shows how the HunterLab color 34.9164, 39.7690, -13.0551 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 34.9164, 39.7690, -13.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

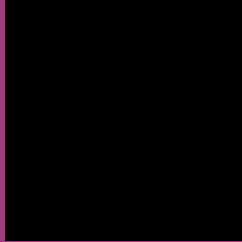
Any Text WCAG AA × Fail

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 34.9164, 39.7690, -13.0551 Background



This preview shows how black text looks on a background with the HunterLab color 34.9164, 39.7690, -13.0551.



This preview shows how white text looks on a background with the HunterLab color 34.9164, 39.7690, -13.0551.

-13.0551.

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

34.9164, 39.7690, -13.0551

Protanopia

35.3839, 5.3790, -31.5519

Deuteranopia

35.3076, 2.2846, -9.6708



Tritanopia

34.9777, 25.5288, 9.4613

Trichromacy



Original Color

34.9164, 39.7690, -13.0551

Protanomaly

33.9285, 16.2828, -27.0460

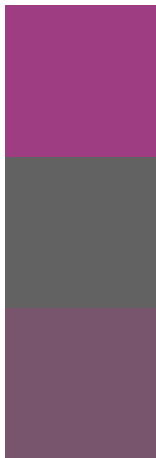
Deuteranomaly

34.2684, 15.4534, -12.1821

Tritanomaly

34.7676, 30.5607, 2.6727

Monochromacy



Original Color

34.9164, 39.7690, -13.0551

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.0503, 12.5169, -3.9917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9164, 39.7690, -13.0551 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(158, 61, 129)` looks like.

```
.text, #text, p{  
    color:rgb(158, 61, 129)  
}
```

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(158, 61, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 61, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9164, 39.7690, -13.0551 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(158, 61, 129) }
```


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

```
.border{ border-color:rgb(158, 61, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 61, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 61, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 61, 129);  
box-shadow:4px 4px 4px 4px rgb(158, 61,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9164, 39.7690, -13.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 61, 129) }
```

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

```
.background{ background-color: rgb(158, 61,  
129) }
```

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