

Converting Colors

HunterLab(33.1422, -9.8926,
7.3411)

Have a look what the booklet for
HunterLab(33.1422, -9.8926, 7.3411)
contains.

HunterLab(33.0229, -9.7652, 7.2367)	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(33.0229, -9.7652,
7.2367)

Conversions

Conversions Part 1

Format	Color
Hex	4E624E
RGB	78, 98, 78
RGB Percent	31%, 38%, 31%
CMY	0.6941, 0.6157, 0.6941
CMYK	0.20, 0.00, 0.20, 0.62
HSL	120°, 11%, 35%
HSV	120°, 20%, 38%
XYZ	8.8847, 10.9051, 8.8444
YIQ	89.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

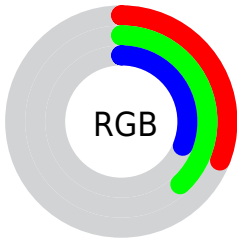
Format	Color
R_{YB}	78, 98, 98
Decimal	5136974
CIE Lab	39.42, -11.96, 8.94
CIE LCh	39, 14.931, 143.237
Yxy	10.9056, 0.3103, 0.3808
Android (android.graphics.Color)	4283327054 (0xFF4E624E)
YUV	89.7400, -5.7878, -10.2960
Hunter-Lab	33.0229, -9.7652, 7.2367

Details

The HunterLab color $[33.0229, -9.7652, 7.2367]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[29.8790, 7.2519, -4.3923]$, and the grayscale version is $[31.9021, -1.7022, 1.7333]$.

A 20% lighter version of the original color is $[52.4778, -12.4786, 9.4330]$, and $[16.7525, -6.9438, 4.8452]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.2363, -13.1381, 9.5161]$, and if you desaturate by 10%, it is $[33.9147, -6.0514, 4.7272]$.

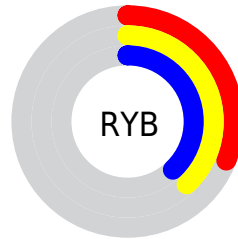
Distribution



Red (31%)

Green (38%)

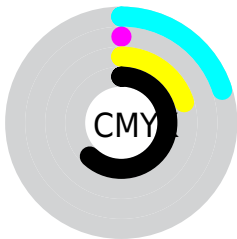
Blue (31%)



Red (31%)

Yellow (38%)

Blue (38%)

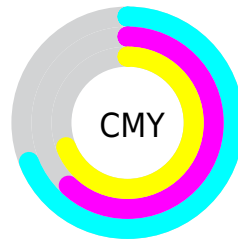


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0229, -9.7652, 7.2367 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 33.0229, -9.7652, 7.2367 by changing the saturation by 10% instead.

■ 33.0229, -9.7652,
7.2367

■ 33.0229, -9.7652,
7.2367

140.3633,
-20.8719, 16.9883

■ 24.5018, -8.4720,
6.1543

■ 52.4266, -12.2617,
9.3630

■ 16.8735, -7.1164,
5.0348

■ 63.1917, -13.4883,
10.4242

■ 10.2589, -5.7857,
4.2290

■ 74.6069, -14.7104,
11.4911

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.6371, -15.9324,
12.5666

0.0000, NaN, NaN

■ 99.2522, -17.1575,
13.6528

0.0000, NaN, NaN

112.4264,

0.0000, NaN, NaN

-18.3880, 14.7512

0.0000, NaN, NaN

126.1369,
-19.6257, 15.8628

■ 33.0229, -9.7652,
7.2367

■ 33.0229, -9.7652,
7.2367

■ 32.2363, -13.1381,
9.5161

■ 33.9147, -6.0514,
4.7272

■ 31.5546, -16.1310,
11.5391

■ 34.9065, -2.0351,
2.0139

■ 30.9794, -18.7133,
13.2848

■ 35.9952, 2.2424,
-0.8753

■ 30.5096, -20.8629,
14.7381

■ 37.1763, 6.7416,
-3.9136

■ 30.1425, -22.5694,
15.8921

■ 38.4451, 11.4260,
-7.0762

■ 29.8730, -23.8376,
16.7496

■ 39.7968, 16.2626,
-10.3408

■ 29.6935, -24.6895,
17.3258

■ 41.2264, 21.2225,
-13.6879

■ 29.5564, -25.3445,
17.7687

■ 42.7292, 26.2811,
-17.1008

■ 44.3004, 31.4176,
-20.5653

Harmonies

Analogous

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



33.0236, -5.8074, 9.7254



33.0229, -9.7652, 7.2367



33.0236, -11.5625, 2.9530

Triad

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



33.0236, -9.7659, 7.2371



33.0236, -2.9920, -9.7466



33.0236, 8.4550, 5.5024

Complementary

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



33.0229, -9.7652, 7.2367



29.8790, 7.2519, -4.3923

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.



33.0236, 9.3299, 0.5988



33.0229, -9.7652, 7.2367



33.0236, 2.4841, -8.7675

Square

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



33.0236, -9.7659, 7.2371



33.0236, -7.8194, -7.2529



33.0236, 7.0811, -4.7608



33.0236, 4.7622, 8.8435

Rectangle

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



33.0229, -9.7652, 7.2367



33.0236, -11.3810, -0.5737



33.0236, 7.0811, -4.7608



33.0236, 9.0978, 4.0050

Sweetspot

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



33.0236, -9.7659, 7.2371



45.4346, -5.8071, 4.7690



34.4712, -4.5017, 8.7648



22.1270, -2.9290, 2.3912



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.0236, -9.7659, 7.2371



43.2497, -14.9087, 10.9189



33.2568, -8.4370, 3.8847



16.9014, -2.7042, 2.1440



34.1065, -29.2463, 20.5042



78.8313, -67.5978, 47.3920

Inverse Universe

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



29.8790, 7.2519, -4.3923



38.2450, 12.2093, -7.6125



29.5808, 5.6994, -0.1784



16.2129, 1.0138, -0.3968



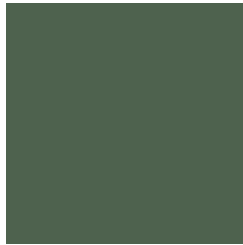
21.5224, 42.3137, -28.3857



49.7454, 97.8007, -65.6085

Previews

White Background



This preview shows how the HunterLab color 33.0229, -9.7652, 7.2367 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 33.0229, -9.7652, 7.2367 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 33.0229, -9.7652, 7.2367 Background



This preview shows how black text looks on a background with the HunterLab color 33.0229, -9.7652, 7.2367.

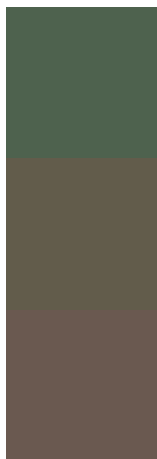


This preview shows how white text looks on a background with the HunterLab color 33.0229, -9.7652, 7.2367.

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

33.0229, -9.7652, 7.2367

Protanopia

32.8009, -2.2522, 8.1400

Deuteranopia

32.8453, 2.1066, 6.5761



Tritanopia

33.0720, -4.0639, -2.2279

Trichromacy



Original Color

33.0229, -9.7652, 7.2367

Protanomaly

32.7893, -5.0026, 7.7534

Deuteranomaly

32.7194, -2.3643, 6.7160

Tritanomaly

33.0233, -6.1596, 1.6480

Monochromacy



Original Color

33.0229, -9.7652, 7.2367

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.3713, -4.6414, 3.7406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0229, -9.7652, 7.2367 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, 78)` looks like.

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

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, 78) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 33.0229, -9.7652, 7.2367 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, 78) }
```


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

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

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, 78) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 33.0229, -9.7652, 7.2367 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, 78) }
```

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

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

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