

Converting Colors

HunterLab(28.8851, 12.2213,
-7.7896)

Have a look what the booklet for
HunterLab(28.8851, 12.2213,
-7.7896) contains.

HunterLab(28.7933, 12.4173, -7.9247)	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(28.7933, 12.4173,
-7.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	664766
RGB	102, 71, 102
RGB Percent	40%, 28%, 40%
CMY	0.6000, 0.7216, 0.6000
CMYK	0.00, 0.30, 0.00, 0.60
HSL	300°, 18%, 34%
HSV	300°, 30%, 40%
XYZ	10.1310, 8.2905, 13.6366
YIQ	83.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

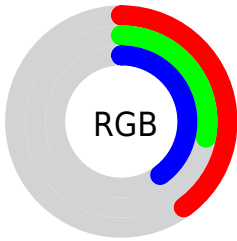
Format	Color
R_{YB}	102, 71, 102
Decimal	6702950
CIE _{Lab}	34.58, 19.05, -12.86
CIE _{LCh}	35, 22.979, 325.984
Yxy	8.2909, 0.3160, 0.2586
Android (android.graphics.Color)	4284893030 (0xFF664766)
YUV	83.8030, 8.9711, 15.9588
Hunter-Lab	28.7933, 12.4173, -7.9247

Details

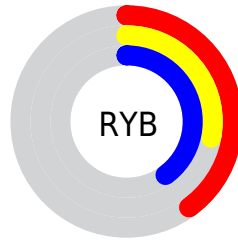
The HunterLab color $28.7933, 12.4173, -7.9247$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $33.6118, -13.7463, 9.9546$, and the grayscale version is $29.6700, -1.5831, 1.6120$.

A 20% lighter version of the original color is $47.5425, 13.6402, -8.0495$, and $13.5793, 10.4507, -7.2309$ is the 20% darker color. If you saturate the color by 10%, you get $26.6469, 17.2475, -11.2480$, and if you desaturate by 10%, it is $31.1434, 7.6024, -4.6079$.

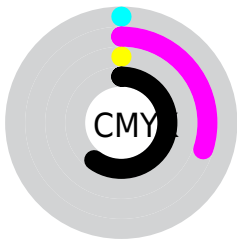
Distribution



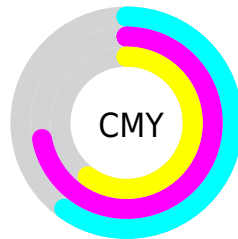
- Red (40%)
- Green (28%)
- Blue (40%)



- Red (40%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7933, 12.4173, -7.9247 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 28.7933, 12.4173, -7.9247 by changing the saturation by 10% instead.

28.7933, 12.4173,
-7.9247

28.7933, 12.4173,
-7.9247

133.4152, 14.8967,
-7.1815

20.6922, 11.6569,
-7.6721

47.4624, 13.5557,
-8.1885

13.5364, 10.7401,
-7.3398

57.8984, 13.9700,
-8.2133

7.1218, 11.3849,
-7.8143

69.0037, 14.2973,
-8.1745

0.0000, NaN, -NF

0.0000, NaN, NaN

80.7403, 14.5468,
-8.0771

0.0000, NaN, NaN

93.0758, 14.7259,
-7.9257

0.0000, NaN, NaN

105.9825, 14.8407,

0.0000, NaN, NaN

-7.7238

0.0000, NaN, NaN

119.4361, 14.8963,
-7.4748

■ 28.7933, 12.4173,
-7.9247

■ 28.7933, 12.4173,
-7.9247

■ 26.6469, 17.2475,
-11.2480

■ 31.1434, 7.6024,
-4.6079

■ 24.7329, 21.9915,
-14.5087

■ 33.6679, 2.8651,
-1.3408

■ 23.0846, 26.4897,
-17.5974

■ 36.3441, -1.7665,
1.8572

■ 21.7323, 30.5292,
-20.3687

■ 39.1522, -6.2830,
4.9792

■ 20.6991, 33.8694,
-22.6588

■ 42.0759, -10.6864,
8.0265

■ 19.9923, 36.3003,
-24.3247

■ 45.1018, -14.9847,
11.0041

■ 19.4528, 38.2449,
-25.6568

■ 48.2185, -19.1885,
13.9191

■ 51.4167, -23.3093,
16.7792

■ 54.6887, -27.3583,
19.5917

Harmonies

Analogous

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



28.7939, 5.5468, -15.0168



28.7933, 12.4173, -7.9247



28.7939, 15.5474, 0.5191

Triad

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



28.7939, 12.4164, -7.9240



28.7939, -0.4481, 12.7099



28.7939, -14.1490, -5.6420

Complementary

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



28.7933, 12.4173, -7.9247



33.6118, -13.7463, 9.9546

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.



28.7939, -15.3832, 2.5776



28.7933, 12.4173, -7.9247



28.7939, -7.9976, 11.8943

Square

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



28.7939, 12.4164, -7.9240



28.7939, 7.6228, 11.2803



28.7939, -13.2552, 8.6353



28.7939, -9.6796, -13.4657

Rectangle

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



28.7933, 12.4173, -7.9247



28.7939, 14.8668, 5.3270



28.7939, -13.2552, 8.6353



28.7939, -14.9335, -2.7795

Sweetspot

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



28.7939, 12.4164, -7.9240



44.9780, 3.0924, -1.2913



26.0879, 3.9553, -12.4246



21.6662, 1.8240, -0.8494



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



28.7939, 12.4164, -7.9240



36.2106, 20.6974, -13.4216



28.3047, 9.9543, -1.0491



16.9971, 1.0871, -0.4325



22.0453, 43.3417, -29.0760



50.3461, 98.9819, -66.4024

Inverse Universe

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



28.7939, 12.4164, -7.9240



36.2106, 20.6974, -13.4216



33.9449, -11.8132, 5.1465



16.9971, 1.0871, -0.4325



22.0453, 43.3417, -29.0760



50.3461, 98.9819, -66.4024

Previews

White Background



This preview shows how the HunterLab color 28.7933, 12.4173, -7.9247 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.7933, 12.4173, -7.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

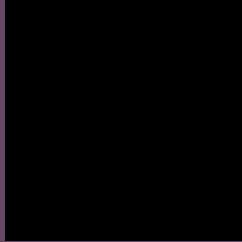
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.7933, 12.4173, -7.9247 Background



This preview shows how black text looks on a background with the HunterLab color 28.7933, 12.4173, -7.9247.



This preview shows how white text looks on a background with the HunterLab color 28.7933, 12.4173, -7.9247.

-7.9247.

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

28.7933, 12.4173, -7.9247

Protanopia

29.0600, 1.5205, -11.5853

Deuteranopia

28.9187, 1.7176, -6.8692



Tritanopia

28.7730, 6.3918, 1.8007

Trichromacy



Original Color

28.7933, 12.4173, -7.9247

Protanomaly

28.6935, 5.2244, -10.4034

Deuteranomaly

28.8480, 5.3738, -7.4341

Tritanomaly

28.8585, 8.3046, -1.4896

Monochromacy



Original Color

28.7933, 12.4173, -7.9247

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.2770, 3.6296, -1.9399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7933, 12.4173, -7.9247 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(102, 71, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 71, 102)  
}
```

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(102, 71, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 71, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7933, 12.4173, -7.9247 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(102, 71, 102) }
```


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

```
.border{ border-color:rgb(102, 71, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 71, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 71, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 71, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 71,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7933, 12.4173, -7.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 71, 102) }
```

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

```
.background{ background-color: rgb(102, 71,  
102) }
```

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