

Converting Colors

HunterLab(16.0663, 12.6253,
2.3600)

Have a look what the booklet for
HunterLab(16.0663, 12.6253,
2.3600) contains.

HunterLab(15.9892, 12.6315, 2.2946)	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(15.9892, 12.6315,
2.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	491F29
RGB	73, 31, 41
RGB Percent	29%, 12%, 16%
CMY	0.7137, 0.8784, 0.8392
CMYK	0.00, 0.58, 0.44, 0.71
HSL	346°, 40%, 20%
HSV	346°, 58%, 29%
XYZ	3.6379, 2.5565, 2.3996
YIQ	44.6980, 21.8220, 12.0140

Conversions

Conversions Part 2

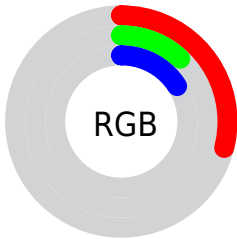
Format	Color
RYB	73, 31, 41
Decimal	4792105
CIELab	18.17, 21.21, 2.85
CIElCh	18, 21.396, 7.643
Yxy	2.5567, 0.4233, 0.2975
Android (android.graphics.Color)	4282982185 (0xFF491F29)
YUV	44.6980, -1.8231, 24.8209
Hunter-Lab	15.9892, 12.6315, 2.2946

Details

The HunterLab color **15.9892, 12.6315, 2.2946** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.2709, -11.2312, 2.1605**, and the grayscale version is **16.1009, -0.8591, 0.8748**.

A 20% lighter version of the original color is **32.0386, 14.3871, 3.7012**, and **4.7096, 8.1119, 2.6825** is the 20% darker color. If you saturate the color by 10%, you get **14.7699, 14.9783, 2.8426**, and if you desaturate by 10%, it is **17.3892, 10.1647, 1.8806**.

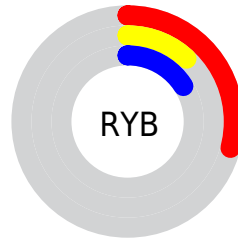
Distribution



Red (29%)

Green (12%)

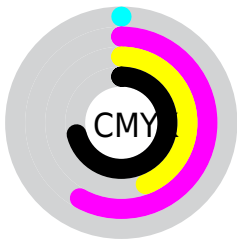
Blue (16%)



Red (29%)

Yellow (12%)

Blue (16%)

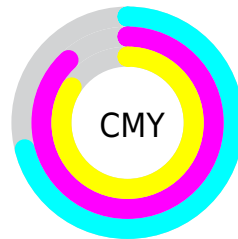


Cyan (0%)

Magenta (58%)

Yellow (44%)

Black (71%)



Cyan (71%)











Magenta (88%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9892, 12.6315, 2.2946 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 15.9892, 12.6315, 2.2946 by changing the saturation by 10% instead.

 15.9892, 12.6315, 2.2946	 15.9892, 12.6315, 2.2946
 110.7526, 17.3158, 8.8419	 9.5128, 11.4880, 1.7587
 31.9145, 14.4279, 3.5635	0.0000, INF, NaN
 41.1473, 15.1208, 4.2371	0.0000, NaN, NaN
 51.1307, 15.7012, 4.9380	0.0000, NaN, NaN
 61.8119, 16.1830, 5.6662	0.0000, NaN, NaN
 73.1480, 16.5773, 6.4213	0.0000, NaN, NaN
 85.1032, 16.8929,	0.0000, NaN, NaN

7.2026

97.6468, 17.1371,
8.0097

15.9892, 12.6315,
2.2946

15.9892, 12.6315,
2.2946

14.7699, 14.9783,
2.8426

17.3892, 10.1647,
1.8806

13.7557, 17.0853,
3.5168

18.9436, 7.6663,
1.5929

12.9666, 18.8079,
4.2892

20.6304, 5.1865,
1.4185

12.2547, 20.5426,
4.9837

22.4302, 2.7523,
1.3423

12.0753, 21.0244,
5.1282

24.3272, 0.3746,
1.3497

■ 26.3085, -1.9447,
1.4276

■ 28.3633, -4.2087,
1.5650

■ 30.4832, -6.4229,
1.7527

■ 32.6610, -8.5933,
1.9832

Harmonies

Analogous

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



15.9896, 11.6136, -4.0254



15.9892, 12.6315, 2.2946



15.9896, 9.6248, 6.3279

Triad

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



15.9896, 12.6305, 2.2949



15.9896, -7.4524, 7.4599



15.9896, -5.1069, -13.4140

Complementary

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



15.9892, 12.6315, 2.2946



23.2709, -11.2312, 2.1605

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.



15.9896, -9.1794, -7.6337



15.9892, 12.6315, 2.2946



15.9896, -10.3841, 4.5843

Square

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



15.9896, 12.6305, 2.2949



15.9896, -2.3961, 8.5675



15.9896, -10.9648, -0.6987



15.9896, 0.7488, -14.7684

Rectangle

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



15.9892, 12.6315, 2.2946



15.9896, 5.9775, 7.7556



15.9896, -10.9648, -0.6987



15.9896, -6.7018, -11.8413

Sweetspot

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



15.9896, 12.6305, 2.2949



29.1589, 3.6166, 1.7471



15.8163, 14.2011, -13.6346



14.9508, 2.0045, 0.9042



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



15.9896, 12.6305, 2.2949



18.6459, 20.6569, 4.0382



17.7094, 7.3649, 6.7008



12.3265, 0.3149, 0.6874



16.5610, 28.7513, 7.6776



40.7300, 70.4059, 21.2451

Inverse Universe

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



15.9896, 12.6305, 2.2949



18.6459, 20.6569, 4.0382



20.6696, -5.7933, -5.4457



12.3265, 0.3149, 0.6874



16.5610, 28.7513, 7.6776



40.7300, 70.4059, 21.2451

Previews

White Background



This preview shows how the HunterLab color 15.9892, 12.6315, 2.2946 looks on a white background.

Color Contrast Check

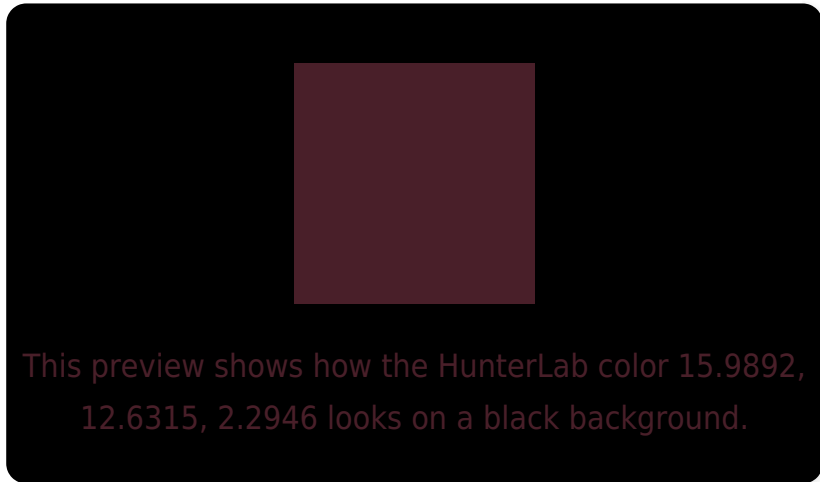
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

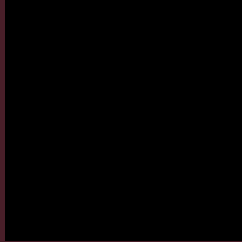
Any Text WCAG AA × Fail

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 15.9892, 12.6315, 2.2946 Background



This preview shows how black text looks on a background with the HunterLab color 15.9892, 12.6315, 2.2946.



This preview shows how white text looks on a background with the HunterLab color 15.9892, 12.6315,

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

15.9892, 12.6315, 2.2946

Protanopia

16.2985, -0.3217, -0.5329

Deuteranopia

16.3643, 0.6290, 3.1402



Tritanopia

16.0156, 11.5712, 4.4688

Trichromacy



Original Color

15.9892, 12.6315, 2.2946

Protanomaly

15.8967, 3.9297, 0.2239

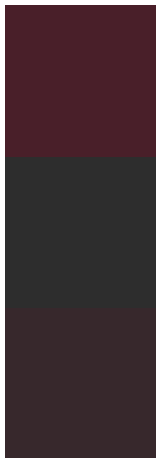
Deuteranomaly

16.0153, 5.0979, 2.5259

Tritanomaly

16.0719, 11.8358, 3.6538

Monochromacy



Original Color

15.9892, 12.6315, 2.2946

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.8482, 3.6780, 0.9154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9892, 12.6315, 2.2946 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(73, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(73, 31, 41)  
}
```

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(73, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 31, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9892, 12.6315, 2.2946 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(73, 31, 41) }
```


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

```
.border{ border-color:rgb(73, 31, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 31, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(73, 31, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9892, 12.6315, 2.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 31, 41) }
```

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

```
.background{ background-color: rgb(73, 31,  
41) }
```

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