

Converting Colors

HunterLab(24.4551, 42.5290,
10.7720)

Have a look what the booklet for
HunterLab(24.4551, 42.5290,
10.7720) contains.

HunterLab(24.4944, 42.6009, 10.7612)	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(24.4944, 42.6009,
10.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0029
RGB	143, 0, 41
RGB Percent	56%, 0%, 16%
CMY	0.4392, 0.9999, 0.8392
CMYK	0.00, 1.00, 0.71, 0.44
HSL	343°, 100%, 28%
HSV	343°, 100%, 56%
XYZ	11.7280, 5.9998, 2.6378
YIQ	47.4310, 72.0670, 43.0670

Conversions

Conversions Part 2

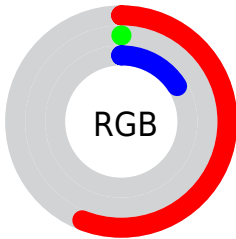
Format	Color
R_{YB}	143, 0, 41
Decimal	9371689
CIE _{Lab}	29.41, 53.18, 20.43
CIE _{LCh}	29, 56.967, 21.013
Yxy	6.0001, 0.5759, 0.2946
Android (android.graphics.Color)	4287561769 (0xFF8F0029)
YUV	47.4310, -3.1705, 83.8140
Hunter-Lab	24.4944, 42.6009, 10.7612

Details

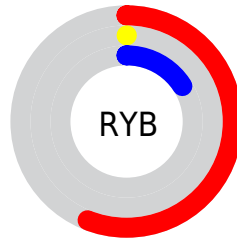
The HunterLab color **24.4944, 42.6009, 10.7612** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **45.3923, -31.3755, 10.9959**, and the grayscale version is **16.9998, -0.9071, 0.9236**.

A 20% lighter version of the original color is **42.2787, 46.5988, 14.5212**, and **13.8971, 23.7992, 8.9800** is the 20% darker color. If you saturate the color by 10%, you get **24.4941, 42.6001, 10.7640**, and if you desaturate by 10%, it is **25.3044, 41.0084, 8.9172**.

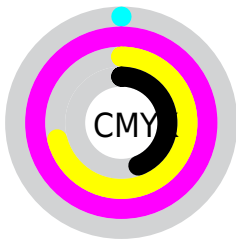
Distribution



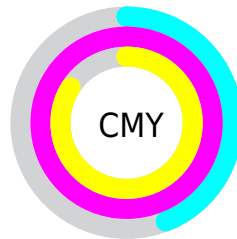
- Red (56%)
- Green (0%)
- Blue (16%)



- Red (56%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4944, 42.6009, 10.7612 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 24.4944, 42.6009, 10.7612 by changing the saturation by 10% instead.

■ 24.4944, 42.6009, 10.7612 ■ 24.4944, 42.6009, 10.7612

126.1254, 57.2425, 26.4217 ■ 16.8676, 40.6398, 8.6020

■ 42.3455, 46.5384, 14.6309 ■ 10.2540, 39.0815, 7.1778

■ 52.4180, 48.3781, 16.4277 0.0000, INF, NaN

0.0000, INF, NaN

■ 63.1826, 50.1097, 18.1671 0.0000, NaN, NaN

■ 74.5973, 51.7332, 19.8647 0.0000, NaN, NaN


■ 86.6270, 53.2528, 21.5317 0.0000, NaN, NaN


■ 99.2417, 54.6738, 0.0000, NaN, NaN


23.1763


0.0000, NaN, NaN


 112.4154, 56.0018,
24.8047


 24.4944, 42.6009,
10.7612


 24.4944, 42.6009,
10.7612


 24.4941, 42.6001,
10.7640

 25.3044, 41.0084,
8.9172

 26.5350, 38.3969,
7.0307

 28.3271, 34.5223,
5.3683

 30.6494, 29.7463,
4.0396

 33.4444, 24.4454,
3.0835

■ 36.6467, 18.9142,
2.4876

■ 40.1943, 13.3436,
2.2125

■ 44.0334, 7.8400,
2.2105

■ 48.1191, 2.4525,
2.4357

Harmonies

Analogous

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



24.4952, 45.8191, -4.6946



24.4944, 42.6009, 10.7612



24.4952, 25.9545, 16.0582

Triad

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



24.4952, 42.5979, 10.7617



24.4952, -23.6124, 14.6253



24.4952, -6.7226, -63.1273

Complementary

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



24.4944, 42.6009, 10.7612



45.3923, -31.3755, 10.9959

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.



24.4952, -20.2115, -43.5278



24.4944, 42.6009, 10.7612



24.4952, -27.8319, 6.1356

Square

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



24.4952, 42.5979, 10.7617



24.4952, -13.0083, 17.1466



24.4952, -26.8107, -14.5528



24.4952, 13.1071, -57.7254

Rectangle

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



24.4944, 42.6009, 10.7612



24.4952, 11.6501, 17.1466



24.4952, -26.8107, -14.5528



24.4952, -12.0310, -58.9081

Sweetspot

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



24.4952, 42.5979, 10.7617



53.4691, 18.3381, 2.9729



21.6770, 46.2660, -56.9098



24.7266, 10.1299, 1.4725



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



24.4952, 42.5979, 10.7617



32.7387, 56.8611, 14.9915



25.8837, 35.7877, 16.5747



23.3408, 0.9742, 1.1861



23.0393, 40.0837, 10.0175



2.3275, 4.1923, -0.0964

Inverse Universe

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



24.4952, 42.5979, 10.7617



32.7387, 56.8611, 14.9915



37.5622, -13.3603, -18.1066



23.3408, 0.9742, 1.1861



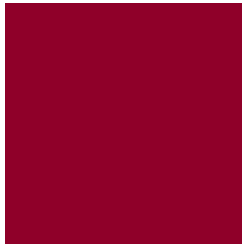
23.0393, 40.0837, 10.0175



2.3275, 4.1923, -0.0964

Previews

White Background



This preview shows how the HunterLab color 24.4944, 42.6009, 10.7612 looks on a white background.

Color Contrast Check

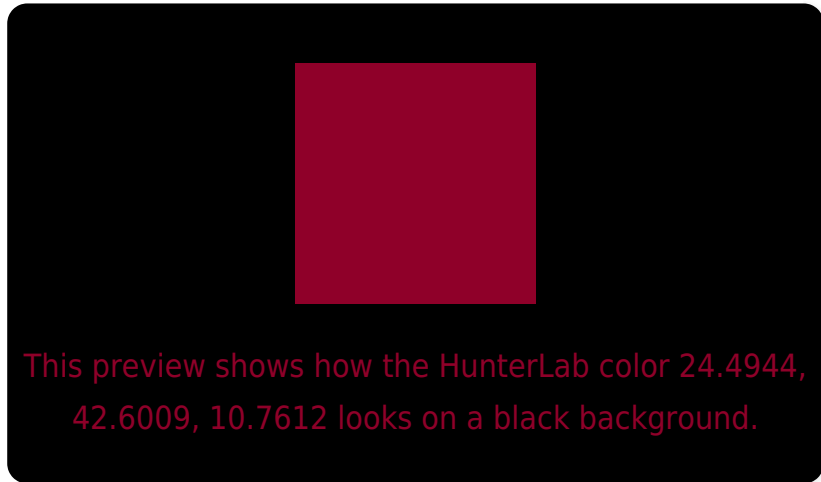
Large Text (above 18pt) WCAG AA ✓ Pass

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

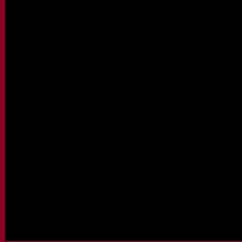
Any Text WCAG AA × Fail

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 24.4944, 42.6009, 10.7612 Background



This preview shows how black text looks on a background with the HunterLab color 24.4944, 42.6009, 10.7612.



This preview shows how white text looks on a background with the HunterLab color 24.4944, 42.6009,

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

24.4944, 42.6009, 10.7612

Protanopia

25.8453, -1.8191, 5.7660

Deuteranopia

25.5840, 1.5088, 12.2839



Tritanopia

24.8611, 38.5480, 15.0861

Trichromacy



Original Color

24.4944, 42.6009, 10.7612

Protanomaly

22.3317, 16.9489, 4.7915

Deuteranomaly

22.7731, 19.2571, 9.8130

Tritanomaly

24.6008, 39.8806, 13.9034

Monochromacy



Original Color

24.4944, 42.6009, 10.7612

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0641, 16.3483, 2.1751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4944, 42.6009, 10.7612 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(143, 0, 41)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 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(143, 0, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4944, 42.6009, 10.7612 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(143, 0, 41) }
```


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

```
.border{ border-color:rgb(143, 0, 41) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 41);  
box-shadow:4px 4px 4px 4px rgb(143, 0, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.4944, 42.6009, 10.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 41) }
```

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

```
.background{ background-color: rgb(143, 0,  
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