

Converting Colors

HunterLab(25.4005, 44.1498,
11.3692)

Have a look what the booklet for
HunterLab(25.4005, 44.1498,
11.3692) contains.

HunterLab(25.4226, 44.1945, 11.3304)	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(25.4226, 44.1945,
11.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	94002A
RGB	148, 0, 42
RGB Percent	58%, 0%, 16%
CMY	0.4196, 0.9999, 0.8353
CMYK	0.00, 1.00, 0.72, 0.42
HSL	343°, 100%, 29%
HSV	343°, 100%, 58%
XYZ	12.6307, 6.4631, 2.7723
YIQ	49.0400, 74.7260, 44.4380

Conversions

Conversions Part 2

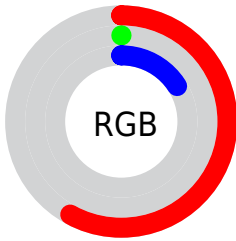
Format	Color
R_{YB}	148, 0, 42
Decimal	9699370
CIE Lab	30.55, 54.49, 21.43
CIE LCh	31, 58.555, 21.463
Yxy	6.4635, 0.5776, 0.2956
Android (android.graphics.Color)	4287889450 (0xFF94002A)
YUV	49.0400, -3.4707, 86.7879
Hunter-Lab	25.4226, 44.1945, 11.3304

Details

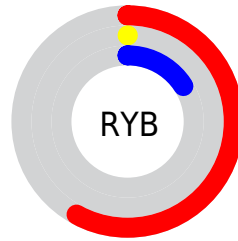
The HunterLab color **25.4226, 44.1945, 11.3304** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **47.1390, -32.5369, 11.3198**, and the grayscale version is **17.5360, -0.9357, 0.9528**.

A 20% lighter version of the original color is **43.5988, 48.1535, 15.4464**, and **14.5734, 24.9574, 9.4170** is the 20% darker color. If you saturate the color by 10%, you get **25.4223, 44.1936, 11.3333**, and if you desaturate by 10%, it is **26.2409, 42.6073, 9.4134**.

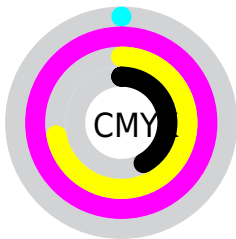
Distribution



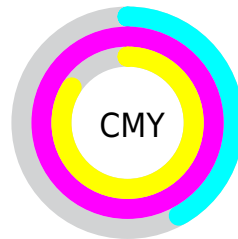
- Red (58%)
- Green (0%)
- Blue (16%)



- Red (58%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4226, 44.1945, 11.3304 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 25.4226, 44.1945, 11.3304 by changing the saturation by 10% instead.

■ 25.4226, 44.1945,
11.3304

■ 25.4226, 44.1945,
11.3304

127.7217, 59.1091,
27.4763

■ 17.6887, 42.2066,
9.0986

■ 43.4574, 48.1839,
15.3289

■ 10.9517, 40.5975,
7.6662

■ 53.6112, 50.0526,
17.1847

■ 2.4741, 104.9981,
1.7319

■ 64.4519, 51.8145,
18.9799

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.9384, 53.4695,
20.7304

0.0000, NaN, NaN

■ 88.0362, 55.0213,
22.4477


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 100.7159, 56.4748,


24.1404


0.0000, NaN, NaN


 113.9518, 57.8356,
25.8150


 25.4226, 44.1945,
11.3304


 25.4226, 44.1945,
11.3304


 25.4223, 44.1936,
11.3333

 26.2409, 42.6073,
9.4134

 27.5072, 39.9228,
7.4483

 29.3607, 35.9125,
5.7077

 31.7695, 30.9535,
4.3089

 34.6735, 25.4412,
3.2953

■ 38.0043, 19.6858,
2.6559

■ 41.6967, 13.8886,
2.3505

■ 45.6940, 8.1616,
2.3297

■ 49.9493, 2.5563,
2.5459

Harmonies

Analogous

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



25.4234, 47.7967, -4.5466



25.4226, 44.1945, 11.3304



25.4234, 26.7036, 16.6754

Triad

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



25.4234, 44.1913, 11.3310



25.4234, -24.6653, 15.1324



25.4234, -6.7239, -65.9289

Complementary

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



25.4226, 44.1945, 11.3304



47.1390, -32.5369, 11.3198

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.



25.4234, -20.8654, -45.7966



25.4226, 44.1945, 11.3304



25.4234, -28.9603, 6.1594

Square

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



25.4234, 44.1913, 11.3310



25.4234, -13.7518, 17.7964



25.4234, -27.8199, -15.5802



25.4234, 13.9865, -59.8784

Rectangle

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



25.4226, 44.1945, 11.3304



25.4234, 11.7947, 17.7964



25.4234, -27.8199, -15.5802



25.4234, -12.2831, -61.6605

Sweetspot

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



25.4234, 44.1913, 11.3310



55.0739, 18.9190, 3.1356



22.4902, 48.0166, -59.1608



25.3961, 10.4466, 1.5537



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



25.4234, 44.1913, 11.3310



33.7306, 58.5614, 15.6200



26.8424, 37.2631, 17.1912



24.1678, 1.0201, 1.2357



23.5045, 40.8772, 10.3433



2.6863, 4.8364, -0.0940

Inverse Universe

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



25.4234, 44.1913, 11.3310



33.7306, 58.5614, 15.6200



38.9749, -13.8356, -18.8463



24.1678, 1.0201, 1.2357



23.5045, 40.8772, 10.3433



2.6863, 4.8364, -0.0940

Previews

White Background



This preview shows how the HunterLab color 25.4226, 44.1945, 11.3304 looks on a white background.

Color Contrast Check

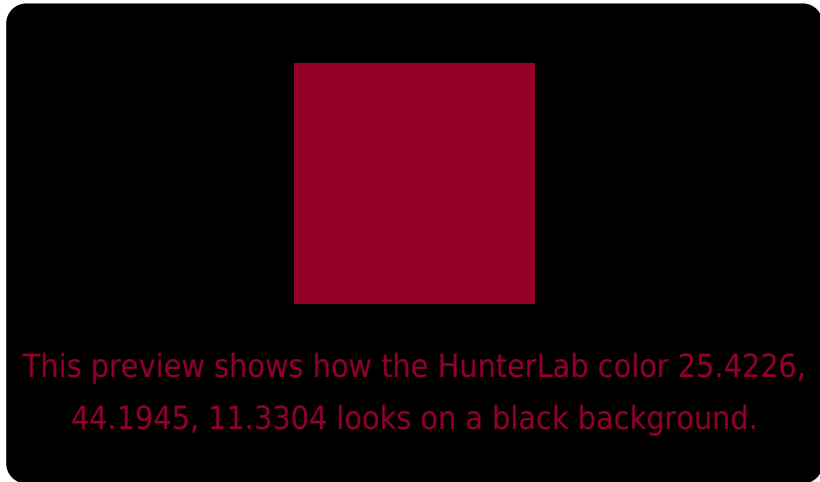
Large Text (above 18pt) WCAG AA ✓ Pass

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

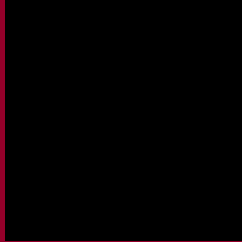
Any Text WCAG AA × Fail

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 25.4226, 44.1945, 11.3304 Background



This preview shows how black text looks on a background with the HunterLab color 25.4226, 44.1945, 11.3304.



This preview shows how white text looks on a background with the HunterLab color 25.4226, 44.1945,

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

25.4226, 44.1945, 11.3304

Protanopia

26.6393, -1.5801, 5.9209

Deuteranopia

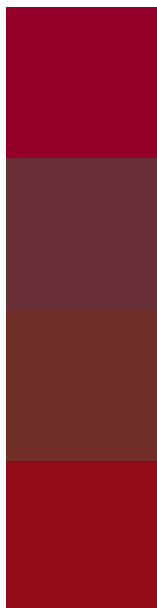
26.6143, 1.2783, 12.8797



Tritanopia

25.7546, 40.2179, 15.6974

Trichromacy



Original Color

25.4226, 44.1945, 11.3304

Protanomaly

23.2228, 17.5633, 5.3893

Deuteranomaly

23.6741, 19.9215, 10.3442

Tritanomaly

25.5114, 41.5365, 14.4389

Monochromacy



Original Color

25.4226, 44.1945, 11.3304

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6310, 17.0276, 2.4701

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4226, 44.1945, 11.3304 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(148, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 42)  
}
```

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(148, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4226, 44.1945, 11.3304 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(148, 0, 42) }
```


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

```
.border{ border-color:rgb(148, 0, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 0, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(148, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4226, 44.1945, 11.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 42) }
```

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

```
.background{ background-color: rgb(148, 0,  
42) }
```

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