

Converting Colors

HunterLab(27.1930, 24.5639,
12.3235)

Have a look what the booklet for
HunterLab(27.1930, 24.5639,
12.3235) contains.

HunterLab(27.1295, 24.6471, 12.3614)	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(27.1295, 24.6471,
12.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	83332A
RGB	131, 51, 42
RGB Percent	51%, 20%, 16%
CMY	0.4863, 0.8000, 0.8353
CMYK	0.00, 0.61, 0.68, 0.49
HSL	6°, 51%, 34%
HSV	6°, 68%, 51%
XYZ	10.9618, 7.3601, 3.0334
YIQ	73.8940, 50.5690, 14.1610

Conversions

Conversions Part 2

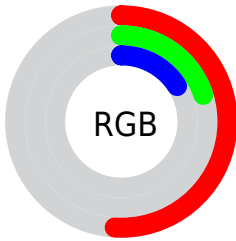
Format	Color
RYB	131, 52, 42
Decimal	8598314
CIELab	32.61, 33.84, 23.19
CIELCh	33, 41.020, 34.420
Yxy	7.3605, 0.5133, 0.3447
Android (android.graphics.Color)	4286788394 (0xFF83332A)
YUV	73.8940, -15.7237, 50.0820
Hunter-Lab	27.1295, 24.6471, 12.3614

Details

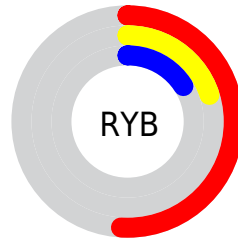
The HunterLab color **27.1295, 24.6471, 12.3614** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **40.0610, -16.5914, -7.3844**, and the grayscale version is **26.1729, -1.3965, 1.4220**.

A 20% lighter version of the original color is **45.5009, 26.8993, 16.4779**, and **12.3956, 21.2278, 8.0097** is the 20% darker color. If you saturate the color by 10%, you get **25.2580, 28.6856, 13.3526**, and if you desaturate by 10%, it is **29.3814, 20.3758, 11.1422**.

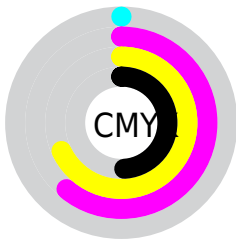
Distribution



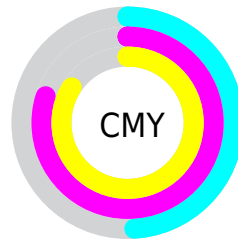
- Red (51%)
- Green (20%)
- Blue (16%)



- Red (51%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1295, 24.6471, 12.3614 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 27.1295, 24.6471, 12.3614 by changing the saturation by 10% instead.

27.1295, 24.6471,
12.3614

27.1295, 24.6471,
12.3614

130.6241, 32.8500,
29.3500

19.2056, 23.1622,
10.0118

45.4916, 27.2089,
16.5810

12.2512, 21.5765,
8.5758

55.7907, 28.3030,
18.5390

5.3794, 28.0366,
3.7656

66.7676, 29.2862,
20.4310

0.0000, INF, NaN

0.0000, NaN, NaN

78.3827, 30.1686,
22.2737

0.0000, NaN, NaN

90.6027, 30.9591,
24.0789

0.0000, NaN, NaN

0.0000, NaN, NaN

103.3990, 31.6653,

25.8558

0.0000, NaN, NaN

116.7468, 32.2937,
27.6110

27.1295, 24.6471,
12.3614

27.1295, 24.6471,
12.3614

25.2580, 28.6856,
13.3526

29.3814, 20.3758,
11.1422

23.8055, 32.2323,
14.0316

31.9639, 16.0767,
9.7737

22.7868, 34.9752,
14.4516

34.8311, 11.8711,
8.3188

22.6266, 35.4051,
14.5622

37.9411, 7.8224,
6.8202

41.2588, 3.9540,
5.3049

■ 44.7546, 0.2656,
3.7881

■ 48.4049, -3.2548,
2.2778

■ 52.1900, -6.6246,
0.7776

■ 56.0943, -9.8626,
-0.7116

Harmonies

Analogous

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



27.1303, 31.1050, 3.3846



27.1295, 24.6471, 12.3614



27.1303, 11.2370, 15.9389

Triad

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



27.1303, 24.6449, 12.3618



27.1303, -21.7795, 10.3988



27.1303, 0.6656, -38.7062

Complementary

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



27.1295, 24.6471, 12.3614



40.0610, -16.5914, -7.3844

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.



27.1303, -12.1620, -33.4625



27.1295, 24.6471, 12.3614



27.1303, -23.4824, -0.5805

Square

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



27.1303, 24.6449, 12.3618



27.1303, -15.1004, 15.2779



27.1303, -20.3410, -17.4502



27.1303, 15.5838, -29.4521

Rectangle

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



27.1295, 24.6471, 12.3614



27.1303, 1.2299, 16.6278



27.1303, -20.3410, -17.4502



27.1303, -4.0279, -38.6058

Sweetspot

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



27.1303, 24.6449, 12.3618



54.0688, 6.5743, 7.6115



28.0871, 37.9590, -20.9640



25.5691, 3.7701, 3.9085



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



27.1303, 24.6449, 12.3618



32.5729, 41.3177, 18.4660



36.3993, 4.4967, 18.9397



21.8151, 0.3439, 1.9537



22.4537, 35.1116, 14.4505



1.4851, 1.5741, 0.9427

Inverse Universe

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



40.0610, -16.5914, -7.3844



52.1789, -23.2497, -11.9483



27.4282, 2.4215, -29.4726



22.8047, -2.6309, 0.4847



37.8293, -17.2160, -10.1188



2.3525, -1.1693, -0.4163

Previews

White Background



This preview shows how the HunterLab color 27.1295, 24.6471, 12.3614 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 27.1295, 24.6471, 12.3614 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 27.1295, 24.6471, 12.3614 Background



This preview shows how black text looks on a background with the HunterLab color 27.1295, 24.6471, 12.3614.

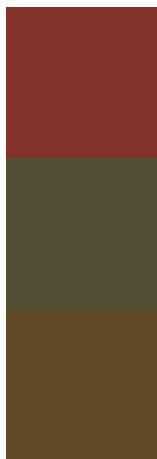


This preview shows how white text looks on a background with the HunterLab color 27.1295, 24.6471,

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

27.1295, 24.6471, 12.3614

Protanopia

27.5346, -2.8037, 9.9220

Deuteranopia

27.4304, 1.5991, 12.9670



Tritanopia

27.1358, 25.8129, 9.8137

Trichromacy



Original Color

27.1295, 24.6471, 12.3614

Protanomaly

26.6727, 6.6427, 10.3361

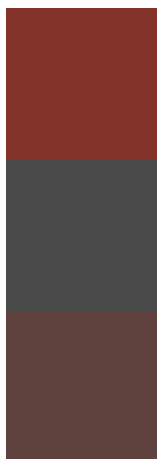
Deuteranomaly

27.0076, 9.7156, 12.5983

Tritanomaly

27.0707, 25.5214, 10.7636

Monochromacy



Original Color

27.1295, 24.6471, 12.3614

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.8401, 6.8445, 5.5854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1295, 24.6471, 12.3614 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(131, 51, 42)` looks like.

```
.text, #text, p{  
    color:rgb(131, 51, 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(131, 51, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 51, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1295, 24.6471, 12.3614 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(131, 51, 42) }
```


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

```
.border{ border-color:rgb(131, 51, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 51, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 51, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 51, 42);  
box-shadow:4px 4px 4px 4px rgb(131, 51,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.1295, 24.6471, 12.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 51, 42) }
```

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

```
.background{ background-color: rgb(131, 51,  
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