

Converting Colors

HunterLab(23.9015, 31.8579,
12.4034)

Have a look what the booklet for
HunterLab(23.9015, 31.8579,
12.4034) contains.

HunterLab(23.9024, 31.8565, 12.4029)	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(23.9024, 31.8565,
12.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	821D1D
RGB	130, 29, 29
RGB Percent	51%, 11%, 11%
CMY	0.4902, 0.8862, 0.8863
CMYK	0.00, 0.78, 0.78, 0.49
HSL	0°, 64%, 31%
HSV	0°, 78%, 51%
XYZ	9.8670, 5.7132, 1.7451
YIQ	59.1990, 60.1960, 21.4120

Conversions

Conversions Part 2

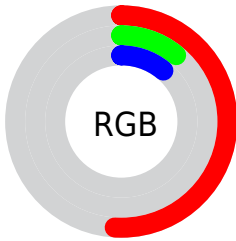
Format	Color
RYB	130, 29, 29
Decimal	8527133
CIELab	28.68, 42.41, 26.60
CIELCh	29, 50.068, 32.098
Yxy	5.7136, 0.5695, 0.3298
Android (android.graphics.Color)	4286717213 (0xFF821D1D)
YUV	59.1990, -14.8881, 62.0925
Hunter-Lab	23.9024, 31.8565, 12.4029

Details

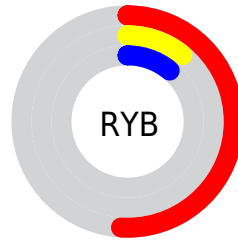
The HunterLab color **23.9024, 31.8565, 12.4029** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **42.2329, -21.0012, -3.9924**, and the grayscale version is **21.0175, -1.1214, 1.1419**.

A 20% lighter version of the original color is **41.6347, 35.2056, 17.2951**, and **11.9015, 20.3818, 7.6905** is the 20% darker color. If you saturate the color by 10%, you get **22.7025, 34.8455, 13.3189**, and if you desaturate by 10%, it is **25.6307, 27.9367, 11.2154**.

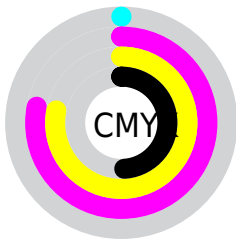
Distribution



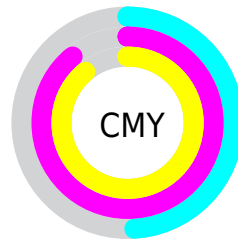
- Red (51%)
- Green (11%)
- Blue (11%)



- Red (51%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9024, 31.8565, 12.4029 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 23.9024, 31.8565, 12.4029 by changing the saturation by 10% instead.

■ 23.9024, 31.8565,
12.4029

■ 23.9024, 31.8565,
12.4029

125.1003, 43.3231,
31.5099

■ 16.3454, 30.0666,
10.0219

■ 41.6340, 35.1702,
17.2788

■ 9.8125, 28.3869,
6.8688

■ 51.6538, 36.6494,
19.5055

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.3691, 38.0113,
21.6388

0.0000, NaN, NaN

■ 73.7373, 39.2632,
23.7013

0.0000, NaN, NaN

■ 85.7228, 40.4132,
25.7089


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.2955, 41.4687,


27.6738


0.0000, NaN, NaN


 111.4290, 42.4366,
29.6051


 23.9024, 31.8565,
12.4029


 23.9024, 31.8565,
12.4029


 22.7025, 34.8455,
13.3189


 25.6307, 27.9367,
11.2154


 21.9492, 36.8537,
13.9374

 27.8470, 23.4569,
9.8741

 21.7853, 37.3056,
14.0771

 30.4925, 18.7383,
8.4836

 33.5041, 14.0043,
7.1143

 36.8237, 9.3808,
5.8042

■ 40.4018, 4.9242,
4.5686

■ 44.1984, 0.6487,
3.4095

■ 48.1812, -3.4532,
2.3220

■ 52.3245, -7.3988,
1.2983

Harmonies

Analogous

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



23.9031, 39.2567, 2.3766



23.9024, 31.8565, 12.4029



23.9031, 15.3992, 15.8309

Triad

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



23.9031, 31.8540, 12.4033



23.9031, -23.2994, 11.5332



23.9031, -0.1078, -52.5280

Complementary

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



23.9024, 31.8565, 12.4029



42.2329, -21.0012, -3.9924

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.



23.9031, -14.3508, -43.4895



23.9024, 31.8565, 12.4029



23.9031, -25.3848, 0.1732

Square

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



23.9031, 31.8540, 12.4033



23.9031, -15.8692, 15.5131



23.9031, -22.6040, -20.8452



23.9031, 17.9597, -40.8003

Rectangle

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



23.9024, 31.8565, 12.4029



23.9031, 3.2292, 16.7322



23.9031, -22.6040, -20.8452



23.9031, -5.4717, -51.8080

Sweetspot

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



23.9031, 31.8540, 12.4033



50.8094, 9.9535, 7.0063



26.9002, 43.6631, -29.2073



23.4906, 5.6070, 3.5762



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



23.9031, 31.8540, 12.4033



29.3968, 48.1765, 18.2702



32.4019, 10.8349, 18.0286



20.8430, 0.5881, 1.7025



21.3324, 36.5300, 13.7844

0.0000, NaN, NaN

Inverse Universe

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



42.2329, -21.0012, -3.9924



55.7020, -29.2197, -5.7765



27.4541, -0.1389, -28.6938



22.1062, -2.7826, 0.6636



41.0503, -21.7611, -4.3334

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.9024, 31.8565, 12.4029 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

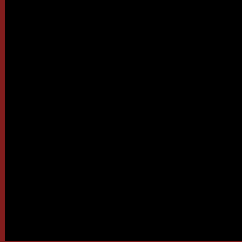
Any Text WCAG AA × Fail

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 23.9024, 31.8565, 12.4029 Background



This preview shows how black text looks on a background with the HunterLab color 23.9024, 31.8565, 12.4029.

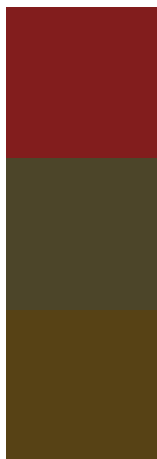


This preview shows how white text looks on a background with the HunterLab color 23.9024, 31.8565,

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

23.9024, 31.8565, 12.4029

Protanopia

24.3984, -2.3943, 9.8944

Deuteranopia

24.4475, 1.1276, 13.3636



Tritanopia

23.9024, 31.8565, 12.4029

Trichromacy



Original Color

23.9024, 31.8565, 12.4029

Protanomaly

22.9319, 10.2855, 9.7853

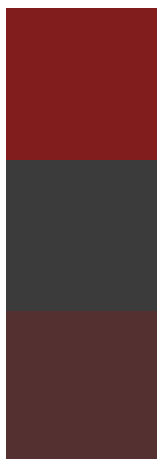
Deuteranomaly

23.4429, 12.5142, 12.4790

Tritanomaly

23.9024, 31.8565, 12.4029

Monochromacy



Original Color

23.9024, 31.8565, 12.4029

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.6364, 10.0482, 4.8579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9024, 31.8565, 12.4029 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(130, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(130, 29, 29)  
}
```

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(130, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 29, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9024, 31.8565, 12.4029 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(130, 29, 29) }
```


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

```
.border{ border-color:rgb(130, 29, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 29, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(130, 29,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9024, 31.8565, 12.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 29, 29) }
```

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

```
.background{ background-color: rgb(130, 29,  
29) }
```

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](#).

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