

Converting Colors

HunterLab(31.2777, 14.3595,
13.1977)

Have a look what the booklet for
HunterLab(31.2777, 14.3595,
13.1977) contains.

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Color

**HunterLab(31.3396, 14.3274,
13.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	814A35
RGB	129, 74, 53
RGB Percent	51%, 29%, 21%
CMY	0.4941, 0.7098, 0.7922
CMYK	0.00, 0.43, 0.59, 0.49
HSL	17°, 42%, 36%
HSV	17°, 59%, 51%
XYZ	12.1446, 9.8217, 4.6238
YIQ	88.0510, 39.5210, 5.1290

Conversions

Conversions Part 2

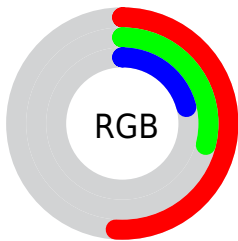
Format	Color
R_{YB}	129, 82, 53
Decimal	8473141
CIE Lab	37.52, 21.14, 22.50
CIE LCh	38, 30.875, 46.783
Yxy	9.8222, 0.4567, 0.3694
Android (android.graphics.Color)	4286663221 (0xFF814A35)
YUV	88.0510, -17.2801, 35.9123
Hunter-Lab	31.3396, 14.3274, 13.1901

Details

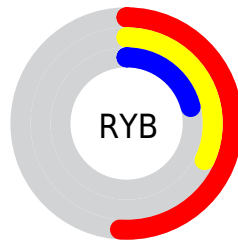
The HunterLab color **31.3396, 14.3274, 13.1901** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36.1473, -9.9612, -11.9662**, and the grayscale version is **31.3096, -1.6706, 1.7011**.

A 20% lighter version of the original color is **50.3987, 15.8973, 17.1502**, and **15.6043, 12.3766, 8.8500** is the 20% darker color. If you saturate the color by 10%, you get **29.2637, 17.7715, 14.2578**, and if you desaturate by 10%, it is **33.6121, 11.0282, 11.8399**.

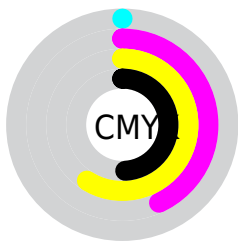
Distribution



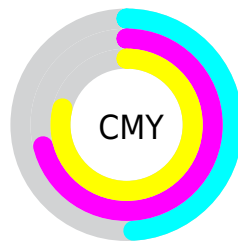
- Red (51%)
- Green (29%)
- Blue (21%)



- Red (51%)
- Yellow (32%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3396, 14.3274, 13.1901 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 31.3396, 14.3274, 13.1901 by changing the saturation by 10% instead.

31.3396, 14.3274,
13.1901

31.3396, 14.3274,
13.1901

137.6221, 17.4160,
29.5900

22.9809, 13.4967,
10.9950

50.4585, 15.6073,
17.1960

15.5345, 12.5151,
8.8172

61.0956, 16.0922,
19.0756

9.1251, 11.3922,
6.3875

72.3902, 16.4891,
20.9012

0.0000, INF, NaN

0.0000, NaN, NaN

84.3060, 16.8069,
22.6865

0.0000, NaN, NaN

96.8121, 17.0529,
24.4413

0.0000, NaN, NaN

109.8820, 17.2332,

0.0000, NaN, NaN

123.4922, 17.3528,
27.8879

■ 31.3396, 14.3274,
13.1901

■ 31.3396, 14.3274,
13.1901

■ 29.2637, 17.7715,
14.2578

■ 33.6121, 11.0282,
11.8399

■ 27.4069, 21.3063,
14.9914

■ 36.0558, 7.9095,
10.2546

■ 25.7945, 24.8320,
15.3494

■ 38.6510, 4.9786,
8.4769

■ 24.4387, 28.1689,
15.4546

■ 41.3797, 2.2321,
6.5418

■ 24.3059, 28.5060,
15.4763

■ 44.2266, -0.3410,
4.4772

■ 47.1788, -2.7549,
2.3051

■ 50.2251, -5.0252,
0.0427

■ 53.3563, -7.1673,
-2.2968

■ 56.5644, -9.1956,
-4.7029

Harmonies

Analogous

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



31.3404, 21.4963, 7.0216



31.3396, 14.3274, 13.1901



31.3404, 3.3581, 15.7359

Triad

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



31.3404, 14.3256, 13.1905



31.3404, -19.8669, 6.0031



31.3404, 4.7317, -24.6309

Complementary

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



31.3396, 14.3274, 13.1901



36.1473, -9.9612, -11.9662

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.



31.3404, -6.4073, -25.2034



31.3396, 14.3274, 13.1901



31.3404, -19.6062, -4.7428

Square

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



31.3404, 14.3256, 13.1905



31.3404, -15.7640, 12.6696



31.3404, -14.9939, -16.9962



31.3404, 15.4510, -15.6300

Rectangle

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



31.3396, 14.3274, 13.1901



31.3404, -4.1557, 15.9141



31.3404, -14.9939, -16.9962



31.3404, 0.8876, -25.9025

Sweetspot

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



31.3404, 14.3256, 13.1905



55.5585, 2.8122, 8.6220



28.8301, 30.4838, -11.3006



25.9923, 1.7605, 4.4175



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.



31.3404, 14.3256, 13.1905



38.1928, 25.5476, 19.5038



40.4367, -2.7425, 19.9302



21.2669, -0.1433, 2.1731



24.0136, 28.1098, 15.2892

0.0000, NaN, NaN

Inverse Universe

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



36.1473, -9.9612, -11.9662



45.7076, -13.3807, -20.3141



26.1047, 6.7425, -30.9671



21.6615, -2.0692, 0.1370



30.4064, -7.9293, -20.8883

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.3396, 14.3274, 13.1901 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 31.3396, 14.3274, 13.1901 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 31.3396, 14.3274, 13.1901 Background



This preview shows how black text looks on a background with the HunterLab color 31.3396, 14.3274, 13.1901.



This preview shows how white text looks on a background with the HunterLab color 31.3396, 14.3274, 13.1901.

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

31.3396, 14.3274, 13.1901

Protanopia

31.5394, -3.2068, 11.6000

Deuteranopia

31.5026, 1.7045, 13.5471



Tritanopia

31.3904, 18.5233, 6.7523

Trichromacy



Original Color

31.3396, 14.3274, 13.1901

Protanomaly

31.3436, 2.6289, 12.0375

Deuteranomaly

31.3780, 6.3257, 13.3070

Tritanomaly

31.3016, 16.8846, 9.2247

Monochromacy



Original Color

31.3396, 14.3274, 13.1901

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.9485, 3.2674, 6.3750

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3396, 14.3274, 13.1901 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(129, 74, 53)` looks like.

```
.text, #text, p{  
  color:rgb(129, 74, 53)  
}
```

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(129, 74, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 74, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3396, 14.3274, 13.1901 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(129, 74, 53) }
```


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

```
.border{ border-color:rgb(129, 74, 53) }
```

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

Here you see how a box with a 4 pixel rgb(129, 74, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 74, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 74, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 74,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3396, 14.3274, 13.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 74, 53) }
```

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

```
.background{ background-color: rgb(129, 74,  
53) }
```

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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