

Converting Colors

HunterLab(31.7092, 46.8541,
15.0051)

Have a look what the booklet for
HunterLab(31.7092, 46.8541,
15.0051) contains.

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Color

**HunterLab(31.7584, 47.1551,
14.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1F31
RGB	173, 31, 49
RGB Percent	68%, 12%, 19%
CMY	0.3216, 0.8784, 0.8078
CMYK	0.00, 0.82, 0.72, 0.32
HSL	352°, 70%, 40%
HSV	352°, 82%, 68%
XYZ	18.2779, 10.0860, 3.8891
YIQ	75.5100, 78.8540, 35.7020

Conversions

Conversions Part 2

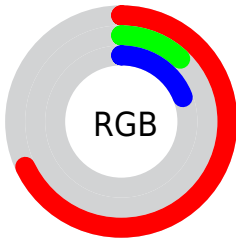
Format	Color
RYB	173, 31, 49
Decimal	11345713
CIELab	38.00, 55.86, 27.23
CIElCh	38, 62.141, 25.991
Yxy	10.0866, 0.5667, 0.3127
Android (android.graphics.Color)	4289535793 (0xFFAD1F31)
YUV	75.5100, -13.0694, 85.4987
Hunter-Lab	31.7584, 47.1551, 14.9702

Details

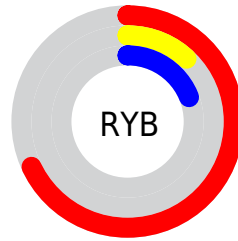
The HunterLab color **31.7584, 47.1551, 14.9702** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **57.0486, -32.7939, 2.3447**, and the grayscale version is **26.7356, -1.4265, 1.4526**.

A 20% lighter version of the original color is **50.9613, 51.1607, 19.7019**, and **18.7603, 32.1743, 11.7602** is the 20% darker color. If you saturate the color by 10%, you get **30.5048, 50.0356, 16.7473**, and if you desaturate by 10%, it is **33.7567, 42.6202, 12.9990**.

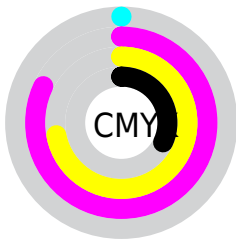
Distribution



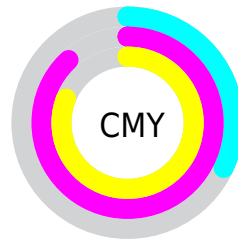
- Red (68%)
- Green (12%)
- Blue (19%)



- Red (68%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (82%)
- Yellow (72%)
- Black (32%)



- Cyan (32%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7584, 47.1551, 14.9702 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 31.7584, 47.1551, 14.9702 by changing the saturation by 10% instead.

■ 31.7584, 47.1551,
14.9702

■ 31.7584, 47.1551,
14.9702

■ 138.3072, 61.8350,
33.8042

■ 23.3589, 45.0960,
12.3794

■ 50.9492, 51.1086,
19.6592

■ 15.8665, 43.1579,
10.1143

■ 61.6186, 52.9413,
21.8387

■ 9.4093, 41.8376,
6.5865

■ 72.9435, 54.6677,
23.9431

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.8880, 56.2901,
25.9892

0.0000, NaN, NaN

■ 97.4216, 57.8128,
27.9898

0.0000, NaN, NaN

■ 110.5177, 59.2411,

0.0000, NaN, NaN

29.9544

0.0000, NaN, NaN

124.1531, 60.5801,
31.8906

■ 31.7584, 47.1551,
14.9702

■ 31.7584, 47.1551,
14.9702

■ 30.5048, 50.0356,
16.7473

■ 33.7567, 42.6202,
12.9990

■ 29.9028, 51.4021,
17.8292

■ 36.4735, 36.8809,
11.0286

■ 39.8388, 30.4450,
9.2073

■ 43.7640, 23.7278,
7.6156

■ 48.1617, 16.9984,
6.2780

■ 52.9556, 10.4023,
5.1856

■ 58.0824, 4.0012,
4.3135

■ 63.4910, -2.1908,
3.6323

■ 69.1409, -8.1842,
3.1134

Harmonies

Analogous

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



31.7594, 53.8407, -1.2776



31.7584, 47.1551, 14.9702



31.7594, 26.2273, 20.4041

Triad

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



31.7594, 47.1516, 14.9708



31.7594, -30.1384, 17.1858



31.7594, -4.6576, -72.5475

Complementary

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



31.7584, 47.1551, 14.9702



57.0486, -32.7939, 2.3447

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.



31.7594, -22.4103, -54.6072



31.7584, 47.1551, 14.9702



31.7594, -34.3004, 4.4672

Square

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



31.7594, 47.1516, 14.9708



31.7594, -18.4829, 20.9712



31.7594, -31.9245, -22.0387



31.7594, 19.5161, -61.7426

Rectangle

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



31.7584, 47.1551, 14.9702



31.7594, 9.4409, 21.5503



31.7594, -31.9245, -22.0387



31.7594, -11.4831, -69.4717

Sweetspot

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



31.7594, 47.1516, 14.9708



68.6576, 16.8634, 7.3966



32.9764, 57.9795, -49.7469



30.9923, 9.2577, 3.6794



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



31.7594, 47.1516, 14.9708



40.1434, 68.3875, 23.8784



38.9629, 26.0972, 22.4917



28.3395, 1.0785, 1.9544



25.6399, 44.0932, 15.1402



4.3352, 7.5711, 1.6620

Inverse Universe

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



31.7594, 47.1516, 14.9708



40.1434, 68.3875, 23.8784



41.1925, -7.3557, -31.6503



28.3395, 1.0785, 1.9544



25.6399, 44.0932, 15.1402



4.3352, 7.5711, 1.6620

Previews

White Background



This preview shows how the HunterLab color 31.7584, 47.1551, 14.9702 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 × Fail

Black Background



This preview shows how the HunterLab color 31.7584, 47.1551, 14.9702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

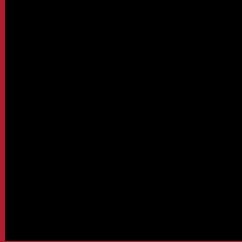
Any Text WCAG AA × Fail

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 31.7584, 47.1551, 14.9702 Background



This preview shows how black text looks on a background with the HunterLab color 31.7584, 47.1551, 14.9702.

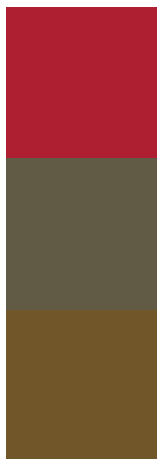


This preview shows how white text looks on a background with the HunterLab color 31.7584, 47.1551,

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

31.7584, 47.1551, 14.9702

Protanopia

32.3315, -2.7783, 9.5490

Deuteranopia

32.0319, 1.9553, 15.8891



Tritanopia

31.8493, 45.6738, 17.6077

Trichromacy



Original Color

31.7584, 47.1551, 14.9702

Protanomaly

29.9400, 15.8994, 9.7022

Deuteranomaly

30.2434, 19.2827, 14.3019

Tritanomaly

31.8095, 46.1471, 16.8310

Monochromacy



Original Color

31.7584, 47.1551, 14.9702

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

26.4662, 15.4283, 5.0318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7584, 47.1551, 14.9702 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(173, 31, 49)` looks like.

```
.text, #text, p{  
    color:rgb(173, 31, 49)  
}
```

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(173, 31, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 31, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7584, 47.1551, 14.9702 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(173, 31, 49) }
```


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

```
.border{ border-color:rgb(173, 31, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 31, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 31, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 31, 49);  
box-shadow:4px 4px 4px 4px rgb(173, 31,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7584, 47.1551, 14.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 31, 49) }
```

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

```
.background{ background-color: rgb(173, 31,  
49) }
```

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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