

Converting Colors

HunterLab(31.2568, 16.8762,
6.2429)

Have a look what the booklet for
HunterLab(31.2568, 16.8762,
6.2429) contains.

HunterLab(31.2406, 17.0876, 6.2243)	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(31.2406, 17.0876,
6.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	80484D
RGB	128, 72, 77
RGB Percent	50%, 28%, 30%
CMY	0.4980, 0.7176, 0.6980
CMYK	0.00, 0.44, 0.40, 0.50
HSL	355°, 28%, 39%
HSV	355°, 44%, 50%
XYZ	12.5590, 9.7598, 8.2431
YIQ	89.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

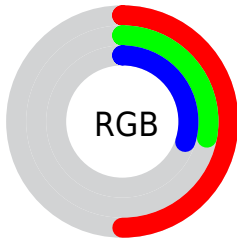
Format	Color
R_{YB}	128, 72, 77
Decimal	8407117
CIE _{Lab}	37.41, 24.46, 7.48
CIE _{LCh}	37, 25.578, 16.995
Yxy	9.7602, 0.4109, 0.3194
Android (android.graphics.Color)	4286597197 (0xFF80484D)
YUV	89.3140, -6.0708, 33.9276
Hunter-Lab	31.2406, 17.0876, 6.2243

Details

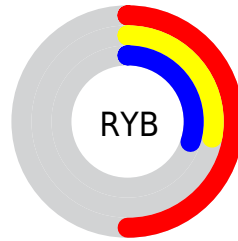
The HunterLab color **31.2406, 17.0876, 6.2243** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **42.7157, -16.3862, 0.0231**, and the grayscale version is **31.7365, -1.6934, 1.7243**.

A 20% lighter version of the original color is **50.4903, 18.5995, 8.2587**, and **15.4437, 14.8645, 4.2527** is the 20% darker color. If you saturate the color by 10%, you get **28.5022, 21.7702, 7.4323**, and if you desaturate by 10%, it is **34.3087, 12.4031, 5.1548**.

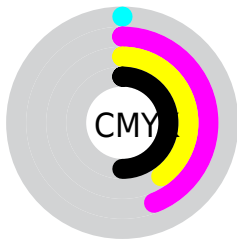
Distribution



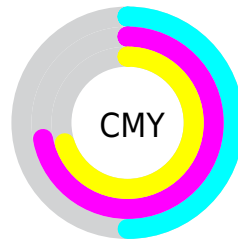
- Red (50%)
- Green (28%)
- Blue (30%)



- Red (50%)
- Yellow (28%)
- Blue (30%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2406, 17.0876, 6.2243 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 31.2406, 17.0876, 6.2243 by changing the saturation by 10% instead.

31.2406, 17.0876,
6.2243

31.2406, 17.0876,
6.2243

137.4599, 21.4541,
15.2909

22.8917, 16.0875,
5.2471

50.3424, 18.6901,
8.1659

15.4561, 14.9358,
4.2441

60.9719, 19.3269,
9.1441

9.0564, 13.6763,
3.9149

72.2593, 19.8697,
10.1328

0.0000, INF, NaN

0.0000, NaN, NaN

84.1682, 20.3281,
11.1343

0.0000, NaN, NaN

96.6679, 20.7097,
12.1500

0.0000, NaN, NaN

109.7315, 21.0211,

0.0000, NaN, NaN

123.3357, 21.2677,
14.2277

■ 31.2406, 17.0876,
6.2243

■ 31.2406, 17.0876,
6.2243

■ 28.5022, 21.7702,
7.4323

■ 34.3087, 12.4031,
5.1548

■ 26.1501, 26.2747,
8.7483

■ 37.6521, 7.8200,
4.2261

■ 24.2448, 30.3216,
10.1073

■ 41.2282, 3.3792,
3.4299

■ 22.8341, 33.5673,
11.4040

■ 45.0018, -0.9098,
2.7514

■ 21.9294, 35.7284,
12.5072

■ 48.9449, -5.0544,
2.1750

■ 21.4810, 36.9040,
12.9729

■ 53.0349, -9.0693,
1.6858

■ 57.2538, -12.9719,
1.2708

■ 61.5872, -16.7790,
0.9186

■ 66.0231, -20.5062,
0.6200

Harmonies

Analogous

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



31.2414, 17.4763, -2.3228



31.2406, 17.0876, 6.2243



31.2414, 11.3177, 11.6635

Triad

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



31.2414, 17.0859, 6.2249



31.2414, -13.5673, 11.1289



31.2414, -5.5458, -19.5064

Complementary

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



31.2406, 17.0876, 6.2243



42.7157, -16.3862, 0.0231

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.



31.2414, -12.8287, -13.2555



31.2406, 17.0876, 6.2243



31.2414, -17.0865, 5.2511

Square

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



31.2414, 17.0859, 6.2249



31.2414, -6.6667, 13.8816



31.2414, -16.8327, -3.6214



31.2414, 3.6649, -19.0194

Rectangle

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



31.2406, 17.0876, 6.2243



31.2414, 5.5400, 13.5522



31.2414, -16.8327, -3.6214



31.2414, -8.2777, -18.0616

Sweetspot

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



31.2414, 17.0859, 6.2249



54.9246, 4.2246, 4.5076



32.1879, 22.9548, -17.3815



26.1243, 2.5826, 2.2723



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.



31.2414, 17.0859, 6.2249



38.0070, 28.5480, 9.7694



36.2412, 6.0766, 12.4070



20.8567, 0.6628, 1.5052



21.3906, 36.7491, 12.9144

0.0000, NaN, NaN

Inverse Universe

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



31.2414, 17.0859, 6.2249



38.0070, 28.5480, 9.7694



36.2801, -6.0138, -11.1239



20.8567, 0.6628, 1.5052

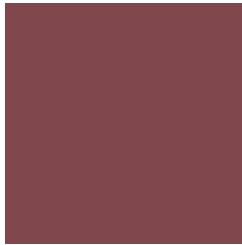


21.3906, 36.7491, 12.9144

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.2406, 17.0876, 6.2243 looks on a white background.

Color Contrast Check

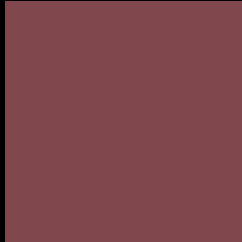
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2406, 17.0876, 6.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

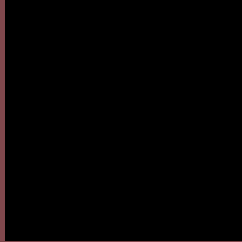
Any Text WCAG AA × Fail

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 31.2406, 17.0876, 6.2243 Background



This preview shows how black text looks on a background with the HunterLab color 31.2406, 17.0876, 6.2243.



This preview shows how white text looks on a background with the HunterLab color 31.2406, 17.0876,

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

31.2406, 17.0876, 6.2243

Protanopia

31.4253, -1.1248, 2.7337

Deuteranopia

31.3525, 2.0550, 6.7671



Tritanopia

31.2406, 17.0876, 6.2243

Trichromacy



Original Color

31.2406, 17.0876, 6.2243

Protanomaly

30.9874, 5.0326, 3.5242

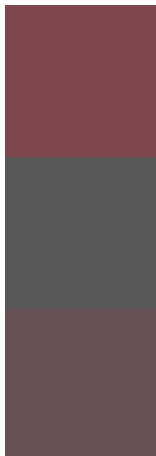
Deuteranomaly

31.0461, 7.3540, 6.2014

Tritanomaly

31.2406, 17.0876, 6.2243

Monochromacy



Original Color

31.2406, 17.0876, 6.2243

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.1865, 4.5286, 2.9572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2406, 17.0876, 6.2243 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(128, 72, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 72, 77)  
}
```

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(128, 72, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 72, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2406, 17.0876, 6.2243 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(128, 72, 77) }
```


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

```
.border{ border-color:rgb(128, 72, 77) }
```

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

Here you see how a box with a 4 pixel rgb(128, 72, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 72, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 72, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 72,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2406, 17.0876, 6.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 72, 77) }
```

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

```
.background{ background-color: rgb(128, 72,  
77) }
```

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