

Converting Colors

HunterLab(31.2469, 21.1365,
-2.5788)

Have a look what the booklet for
HunterLab(31.2469, 21.1365,
-2.5788) contains.

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Color

**HunterLab(31.2190, 21.3106,
-2.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	804563
RGB	128, 69, 99
RGB Percent	50%, 27%, 39%
CMY	0.4980, 0.7294, 0.6118
CMYK	0.00, 0.46, 0.23, 0.50
HSL	329°, 30%, 39%
HSV	329°, 46%, 50%
XYZ	13.2823, 9.7463, 12.9855
YIQ	90.0610, 25.5340, 21.8380

Conversions

Conversions Part 2

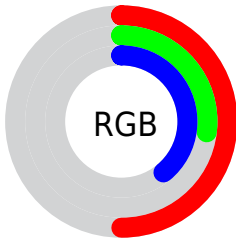
Format	Color
R_{YB}	128, 69, 99
Decimal	8406371
CIE _{Lab}	37.38, 29.37, -6.40
CIE _{LCh}	37, 30.056, 347.696
Yxy	9.7467, 0.3688, 0.2706
Android (android.graphics.Color)	4286596451 (0xFF804563)
YUV	90.0610, 4.4069, 33.2725
Hunter-Lab	31.2190, 21.3106, -2.8083

Details

The HunterLab color **31.2190, 21.3106, -2.8083** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41.9352, -20.6970, 9.1394**, and the grayscale version is **31.9760, -1.7062, 1.7373**.

A 20% lighter version of the original color is **50.3396, 23.2236, -2.5589**, and **15.5198, 18.7320, -2.9762** is the 20% darker color. If you saturate the color by 10%, you get **28.6748, 26.3180, -3.1428**, and if you desaturate by 10%, it is **34.0883, 16.1133, -2.0952**.

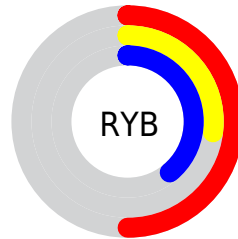
Distribution



Red (50%)

Green (27%)

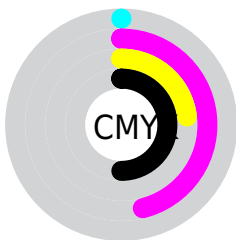
Blue (39%)



Red (50%)

Yellow (27%)

Blue (39%)

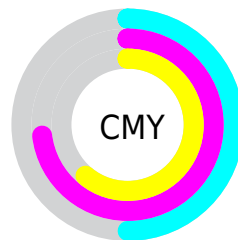


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (50%)



Cyan (50%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2190, 21.3106, -2.8083 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 31.2190, 21.3106, -2.8083 by changing the saturation by 10% instead.

31.2190, 21.3106, -2.8083	31.2190, 21.3106, -2.8083
137.4244, 27.4981, 0.4049	22.8722, 20.0802, -2.8819
50.3170, 23.3638, -2.4480	15.4390, 18.7067, -2.8707
60.9448, 24.2158, -2.1786	9.0413, 17.2794, -2.7740
72.2307, 24.9669, -1.8573	0.0000, INF, -NF
84.1381, 25.6267, -1.4881	0.0000, NaN, NaN
96.6364, 26.2033, -1.0746	0.0000, NaN, NaN
109.6986, 26.7036,	0.0000, NaN, NaN

-0.6197

0.0000, NaN, NaN

123.3015, 27.1335,
-0.1258

■ 31.2190, 21.3106,
-2.8083

■ 31.2190, 21.3106,
-2.8083

■ 28.6748, 26.3180,
-3.1428

■ 34.0883, 16.1133,
-2.0952

■ 26.5048, 30.9117,
-3.0185

■ 37.2330, 10.8782,
-1.0842

■ 24.7581, 34.7868,
-2.3681

■ 40.6128, 5.6875,
0.1596

■ 23.4683, 37.6193,
-1.1732

■ 44.1935, 0.5821,
1.5846

■ 22.6044, 39.2974,
0.4641

■ 47.9472, -4.4236,
3.1517

■ 22.2976, 39.9011,
1.1073

■ 51.8512, -9.3294,
4.8317

■ 55.8872, -14.1428,
6.6028

■ 60.0403, -18.8743,
8.4490

■ 64.2981, -23.5353,
10.3580

Harmonies

Analogous

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



31.2197, 15.2135, -14.7242



31.2190, 21.3106, -2.8083



31.2197, 20.6683, 7.1249

Triad

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



31.2197, 21.3091, -2.8075



31.2197, -7.7293, 15.2643



31.2197, -14.4450, -16.7134

Complementary

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



31.2190, 21.3106, -2.8083



41.9352, -20.6970, 9.1394

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.



31.2197, -19.0822, -4.9176



31.2190, 21.3106, -2.8083



31.2197, -15.5827, 12.2816

Square

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



31.2197, 21.3091, -2.8075



31.2197, 2.8796, 15.4899



31.2197, -19.4683, 5.6208



31.2197, -5.9684, -24.4001

Rectangle

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



31.2190, 21.3106, -2.8083



31.2197, 16.5113, 11.5221



31.2197, -19.4683, 5.6208



31.2197, -16.4515, -12.9446

Sweetspot

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



31.2197, 21.3091, -2.8075



54.7112, 6.3392, 0.5305



28.9571, 17.1928, -23.6703



26.0579, 3.6771, 0.0959



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.



31.2197, 21.3091, -2.8075



37.9939, 35.0332, -4.1729



30.4761, 17.7453, 7.8215



20.9234, 1.0221, 0.5535



22.2040, 39.7348, 1.0936

0.0000, NaN, NaN

Inverse Universe

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



31.2197, 21.3091, -2.8075



37.9939, 35.0332, -4.1729



42.7042, -16.1903, -1.8543



20.9234, 1.0221, 0.5535

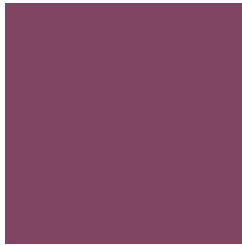


22.2040, 39.7348, 1.0936

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.2190, 21.3106, -2.8083 looks on a white background.

Color Contrast Check

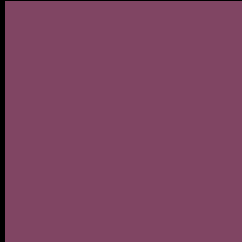
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2190, 21.3106, -2.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

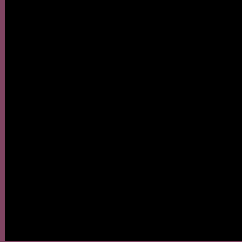
Any Text WCAG AA × Fail

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 31.2190, 21.3106, -2.8083 Background



This preview shows how black text looks on a background with the HunterLab color 31.2190, 21.3106, -2.8083.



This preview shows how white text looks on a background with the HunterLab color 31.2190, 21.3106, -2.8083.

-2.8083.

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

31.2190, 21.3106, -2.8083

Protanopia

31.5692, 0.8793, -8.7764

Deuteranopia

31.4321, 2.0963, -1.4692



Tritanopia

31.2262, 16.0189, 5.8364

Trichromacy



Original Color

31.2190, 21.3106, -2.8083

Protanomaly

30.9823, 7.6685, -7.3936

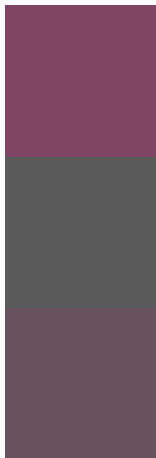
Deuteranomaly

31.0879, 8.5847, -2.2622

Tritanomaly

31.3347, 17.7924, 2.9611

Monochromacy



Original Color

31.2190, 21.3106, -2.8083

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.2537, 6.4285, -0.2748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2190, 21.3106, -2.8083 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, 69, 99)` looks like.

```
.text, #text, p{  
    color:rgb(128, 69, 99)  
}
```

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, 69, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 69, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2190, 21.3106, -2.8083 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, 69, 99) }
```


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

```
.border{ border-color:rgb(128, 69, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 69, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 69, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 69, 99);  
box-shadow:4px 4px 4px 4px rgb(128, 69,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2190, 21.3106, -2.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 69, 99) }
```

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

```
.background{ background-color: rgb(128, 69,  
99) }
```

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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