

Converting Colors

HunterLab(31.3615, -2.4466,
13.2933)

Have a look what the booklet for
HunterLab(31.3615, -2.4466,
13.2933) contains.

HunterLab(31.4183, -2.5266, 13.4052)	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(31.4183, -2.5266,
13.4052)**

Conversions

Conversions Part 1	
Format	Color
Hex	635833
RGB	99, 88, 51
RGB Percent	39%, 35%, 20%
CMY	0.6118, 0.6549, 0.8000
CMYK	0.00, 0.11, 0.48, 0.61
HSL	46°, 32%, 29%
HSV	46°, 48%, 39%
XYZ	9.2328, 9.8711, 4.5507
YIQ	87.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

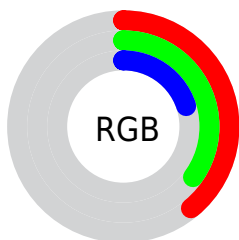
Format	Color
RYB	65, 99, 51
Decimal	6510643
CIELab	37.61, -1.23, 23.02
CIELCh	38, 23.058, 93.068
Yxy	9.8716, 0.3903, 0.4173
Android (android.graphics.Color)	4284700723 (0xFF635833)
YUV	87.0710, -17.7830, 10.4617
Hunter-Lab	31.4183, -2.5266, 13.4052

Details

The HunterLab color **31.4183, -2.5266, 13.4052** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22.4716, 3.0918, -17.2440**, and the grayscale version is **30.9569, -1.6518, 1.6819**.

A 20% lighter version of the original color is **50.6341, -3.8067, 17.6032**, and **15.6356, -1.5387, 8.9543** is the 20% darker color. If you saturate the color by 10%, you get **30.7029, -2.2538, 14.8106**, and if you desaturate by 10%, it is **32.1661, -2.6608, 11.6621**.

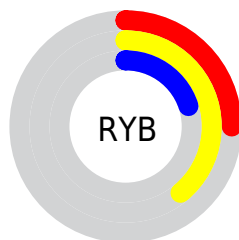
Distribution



Red (39%)

Green (35%)

Blue (20%)



Red (25%)

Yellow (39%)

Blue (20%)

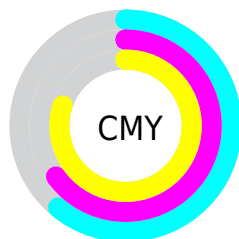


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (61%)



Cyan (61%)


Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 31.4183, -2.5266, 13.4052 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 31.4183, -2.5266, 13.4052 by changing the saturation by 10% instead.


 31.4183, -2.5266,
13.4052


 31.4183, -2.5266,
13.4052


137.7508, -8.7526,
30.0709

 23.0518, -1.9966,
11.1668

 50.5506, -3.6970,
17.4855

 15.5967, -1.5036,
8.9673


 61.1938, -4.3315,
19.3978

 9.1792, -1.0762,
6.4254


 72.4941, -4.9972,
21.2538

0.0000, NaN, NaN

0.0000, NaN, NaN


 84.4153, -5.6929,
23.0676

0.0000, NaN, NaN

 96.9266, -6.4173,
24.8493

0.0000, NaN, NaN

0.0000, NaN, NaN

 110.0014, -7.1693,

26.6067

0.0000, NaN, NaN

123.6163, -7.9480,
28.3457

■ 31.4183, -2.5266,
13.4052

■ 31.4183, -2.5266,
13.4052

■ 30.7029, -2.2538,
14.8106

■ 32.1661, -2.6608,
11.6621

■ 30.0179, -1.8402,
15.8767

■ 32.9440, -2.6534,
9.5851

■ 29.3637, -1.2905,
16.6089

■ 33.7520, -2.5077,
7.1823

■ 28.7395, -0.6112,
17.0199

■ 34.5896, -2.2265,
4.4640

■ 28.1362, 0.1447,
17.2491

■ 35.4562, -1.8139,
1.4419

■ 28.0454, 0.2594,
17.2860

■ 36.3508, -1.2742,
-1.8712

■ 37.2727, -0.6122,
-5.4618

■ 38.2209, 0.1667,
-9.3162

■ 39.1947, 1.0575,
-13.4205

Harmonies

Analogous

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



31.4190, 5.8807, 12.4566



31.4183, -2.5266, 13.4052



31.4190, -9.9194, 11.9568

Triad

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



31.4190, -2.5277, 13.4055



31.4190, -13.9632, -7.7507



31.4190, 13.8513, -5.9709

Complementary

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



31.4183, -2.5266, 13.4052



22.4716, 3.0918, -17.2440

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.



31.4190, 7.5112, -13.8548



31.4183, -2.5266, 13.4052



31.4190, -8.5837, -15.0558

Square

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



31.4190, -2.5277, 13.4055



31.4190, -16.0772, 0.8868



31.4190, -0.8194, -17.5366



31.4190, 15.8962, 2.5120

Rectangle

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



31.4183, -2.5266, 13.4052



31.4190, -13.4430, 9.5321



31.4190, -0.8194, -17.5366



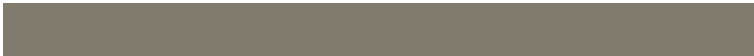
31.4190, 12.1215, -8.8458

Sweetspot

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



31.4190, -2.5277, 13.4055



44.5382, -3.1905, 8.3623



23.1741, 14.9381, 2.8073



21.6390, -1.5777, 4.3154



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.4190, -2.5277, 13.4055



40.1063, -2.8979, 19.5847



33.3925, -10.7786, 14.8264



16.9664, -1.0994, 2.2437



31.9258, 0.4595, 19.6806



72.8558, 2.6900, 44.9405

Inverse Universe

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



22.4716, 3.0918, -17.2440



25.9990, 6.5560, -30.0443



20.8612, 10.8739, -20.5042



16.1214, -0.6182, -0.5409



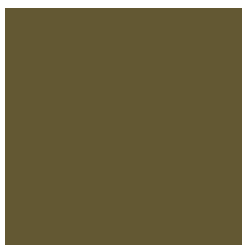
13.7846, 18.5926, -57.3657



29.9967, 48.9402, -143.1410

Previews

White Background



This preview shows how the HunterLab color 31.4183, -2.5266, 13.4052 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 31.4183, -2.5266, 13.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

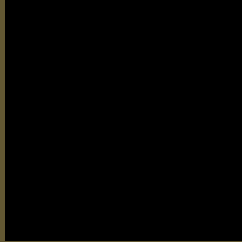
Any Text WCAG AA × Fail

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 31.4183, -2.5266, 13.4052 Background



This preview shows how black text looks on a background with the HunterLab color 31.4183, -2.5266, 13.4052.

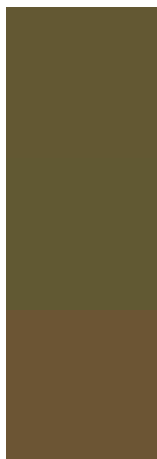


This preview shows how white text looks on a background with the HunterLab color 31.4183, -2.5266,

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

31.4183, -2.5266, 13.4052

Protanopia

31.5042, -3.5744, 13.4559

Deuteranopia

31.5168, 1.7804, 13.3399



Tritanopia

31.3181, 5.2225, 1.0773

Trichromacy



Original Color
31.4183, -2.5266, 13.4052

Protanomaly
31.5918, -3.2648, 13.5317

Deuteranomaly
31.4750, 0.3448, 13.2810

Tritanomaly
31.3745, 2.1729, 6.4497

Monochromacy



Original Color
31.4183, -2.5266, 13.4052

Achromatopsia
30.8719, -1.6472, 1.6773

Achromatomaly
30.8787, -2.2509, 6.5485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4183, -2.5266, 13.4052 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(99, 88, 51) looks like.

```
.text, #text, p{  
    color:rgb(99, 88, 51)  
}
```

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(99, 88, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 88, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4183, -2.5266, 13.4052 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(99, 88, 51) }
```


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

```
.border{ border-color:rgb(99, 88, 51) }
```

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

Here you see how a box with a 4 pixel rgb(99, 88, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 88, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 88, 51);  
box-shadow:4px 4px 4px 4px rgb(99, 88, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4183, -2.5266, 13.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 88, 51) }
```

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

```
.background{ background-color: rgb(99, 88,  
51) }
```

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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