

Converting Colors

HunterLab(31.3141, -2.7614,
12.1142)

Have a look what the booklet for
HunterLab(31.3141, -2.7614,
12.1142) contains.

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Color

**HunterLab(31.3151, -2.7405,
12.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	615838
RGB	97, 88, 56
RGB Percent	38%, 35%, 22%
CMY	0.6196, 0.6549, 0.7804
CMYK	0.00, 0.09, 0.42, 0.62
HSL	47°, 27%, 30%
HSV	47°, 42%, 38%
XYZ	9.1333, 9.8064, 5.1528
YIQ	87.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

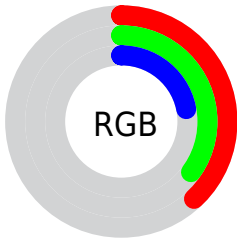
Format	Color
RYB	68, 97, 56
Decimal	6379576
CIELab	37.49, -1.56, 19.89
CIELCh	37, 19.948, 94.476
Yxy	9.8068, 0.3791, 0.4070
Android (android.graphics.Color)	4284569656 (0xFF615838)
YUV	87.0430, -15.3042, 8.7323
Hunter-Lab	31.3151, -2.7405, 12.1646

Details

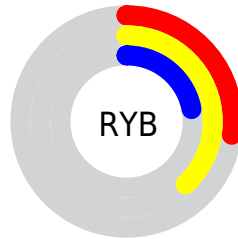
The HunterLab color **31.3151, -2.7405, 12.1646** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23.4184, 2.3027, -14.1618**, and the grayscale version is **30.9385, -1.6508, 1.6809**.

A 20% lighter version of the original color is **50.4501, -4.2587, 15.9322**, and **15.5235, -1.8327, 8.0791** is the 20% darker color. If you saturate the color by 10%, you get **30.6211, -2.6002, 13.7579**, and if you desaturate by 10%, it is **32.0402, -2.7457, 10.2424**.

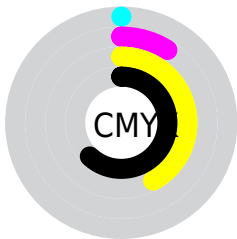
Distribution



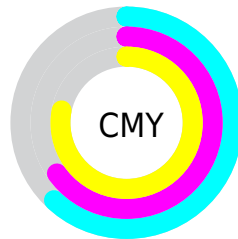
- Red (38%)
- Green (35%)
- Blue (22%)



- Red (27%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3151, -2.7405, 12.1646 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 31.3151, -2.7405, 12.1646 by changing the saturation by 10% instead.

■ 31.3151, -2.7405,
12.1646

■ 31.3151, -2.7405,
12.1646

■ 137.5818, -9.1066,
27.2319

■ 22.9588, -2.1886,
10.1909

■ 50.4296, -3.9488,
15.7936

■ 15.5150, -1.6711,
8.1156

■ 61.0649, -4.6003,
17.5088

■ 9.1081, -1.2313,
6.3757

■ 72.3577, -5.2820,
19.1822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2718, -5.9928,
20.8251

0.0000, NaN, NaN

■ 96.7763, -6.7315,
22.4459

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8446, -7.4973,

24.0510

0.0000, NaN, NaN

123.4534, -8.2893,
25.6451

■ 31.3151, -2.7405,
12.1646

■ 31.3151, -2.7405,
12.1646

■ 30.6211, -2.6002,
13.7579

■ 32.0402, -2.7457,
10.2424

■ 29.9561, -2.3218,
15.0186

■ 32.7938, -2.6138,
7.9962

■ 29.3206, -1.9086,
15.9492

■ 33.5762, -2.3482,
5.4351

■ 28.7143, -1.3652,
16.5576

■ 34.3867, -1.9523,
2.5694

■ 28.1354, -0.7032,
16.8707

■ 35.2248, -1.4300,
-0.5891

■ 27.6963, -0.1672,
17.0634

■ 36.0895, -0.7857,
-4.0277

■ 36.9803, -0.0243,
-7.7334

■ 37.8962, 0.8492,
-11.6927

■ 38.8364, 1.8297,
-15.8926

Harmonies

Analogous

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



31.3158, 4.4933, 11.3819



31.3151, -2.7405, 12.1646



31.3158, -9.1023, 10.7047

Triad

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



31.3158, -2.7416, 12.1649



31.3158, -12.2486, -6.6670



31.3158, 11.7678, -4.4906

Complementary

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



31.3151, -2.7405, 12.1646



23.4184, 2.3027, -14.1618

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.



31.3158, 6.5216, -11.1516



31.3151, -2.7405, 12.1646



31.3158, -7.3955, -12.5934

Square

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



31.3158, -2.7416, 12.1649



31.3158, -14.2684, 0.6635



31.3158, -0.5891, -14.3954



31.3158, 13.2946, 2.7112

Rectangle

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



31.3151, -2.7405, 12.1646



31.3158, -12.1238, 8.4087



31.3158, -0.5891, -14.3954



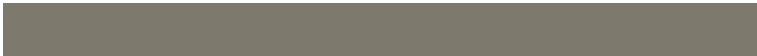
31.3158, 10.3590, -6.9151

Sweetspot

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



31.3158, -2.7416, 12.1649



43.8436, -3.1216, 7.5082



23.9960, 12.4187, 2.4330



21.7626, -1.5881, 4.0243



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.



31.3158, -2.7416, 12.1649



40.0711, -3.3983, 18.0526



32.8885, -9.6174, 13.3524



16.9775, -1.1177, 2.2556



32.1997, -0.0120, 19.8411



73.5220, 1.5282, 45.3307

Inverse Universe

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



23.4184, 2.3027, -14.1618



27.4579, 5.0426, -24.8512



22.0963, 8.8488, -16.5751



16.1104, -0.5998, -0.5545



13.6145, 19.1185, -58.2884



29.6371, 50.1545, -145.3130

Previews

White Background



This preview shows how the HunterLab color 31.3151, -2.7405, 12.1646 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

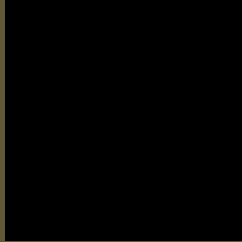
Any Text WCAG AA × Fail

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 31.3151, -2.7405, 12.1646 Background



This preview shows how black text looks on a background with the HunterLab color 31.3151, -2.7405, 12.1646.

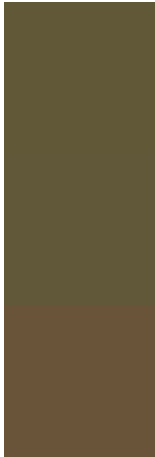


This preview shows how white text looks on a background with the HunterLab color 31.3151, -2.7405,

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

31.3151, -2.7405, 12.1646

Protanopia

31.2278, -3.0475, 12.0856

Deuteranopia

31.1452, 1.9639, 11.8570



Tritanopia

31.3776, 4.1535, 1.1299

Trichromacy



Original Color

31.3151, -2.7405, 12.1646

Protanomaly

31.2278, -3.0475, 12.0856

Deuteranomaly

31.1062, 0.5411, 11.7989

Tritanomaly

31.2352, 1.7950, 5.5969

Monochromacy



Original Color

31.3151, -2.7405, 12.1646

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.9230, -2.0074, 5.9097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3151, -2.7405, 12.1646 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(97, 88, 56)` looks like.

```
.text, #text, p{  
    color:rgb(97, 88, 56)  
}
```

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(97, 88, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 88, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3151, -2.7405, 12.1646 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(97, 88, 56) }
```


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

```
.border{ border-color:rgb(97, 88, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 88, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 88, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 88, 56);  
box-shadow:4px 4px 4px 4px rgb(97, 88, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3151, -2.7405, 12.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 88, 56) }
```

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

```
.background{ background-color: rgb(97, 88,  
56) }
```

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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