

Converting Colors

HunterLab(31.8110, -12.5981,
-11.9866)

Have a look what the booklet for
HunterLab(31.8110, -12.5981,
-11.9866) contains.

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Color

**HunterLab(31.7049,
-12.4634, -12.1542)**

Conversions

Conversions Part 1

Format	Color
Hex	056275
RGB	5, 98, 117
RGB Percent	2%, 38%, 46%
CMY	0.9803, 0.6157, 0.5412
CMYK	0.96, 0.16, 0.00, 0.54
HSL	190°, 92%, 24%
HSV	190°, 96%, 46%
XYZ	7.6412, 10.0520, 18.3671
YIQ	72.3590, -61.5270, -13.8070

Conversions

Conversions Part 2

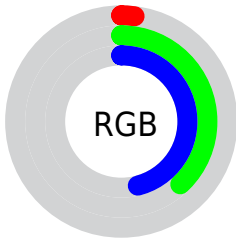
Format	Color
RYB	5, 56, 117
Decimal	352885
CIELab	37.94, -16.68, -17.51
CIELCh	38, 24.189, 226.390
Yxy	10.0524, 0.2119, 0.2788
Android (android.graphics.Color)	4278542965 (0xFF056275)
YUV	72.3590, 22.0080, -59.0738
Hunter-Lab	31.7049, -12.4634, -12.1542

Details

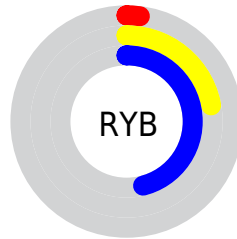
The HunterLab color **31.7049, -12.4634, -12.1542** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.0874, 28.1963, 13.0827**, and the grayscale version is **25.5258, -1.3620, 1.3869**.

A 20% lighter version of the original color is **50.9286, -15.6292, -12.5904**, and **16.7252, -5.1705, -9.7434** is the 20% darker color. If you saturate the color by 10%, you get **31.4033, -12.3272, -12.6404**, and if you desaturate by 10%, it is **32.4232, -12.7373, -11.0194**.

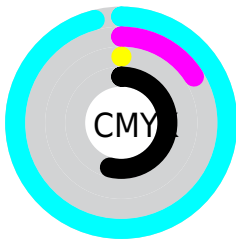
Distribution



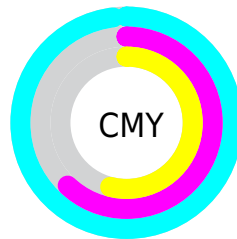
- Red (2%)
- Green (38%)
- Blue (46%)



- Red (2%)
- Yellow (22%)
- Blue (46%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7049, -12.4634, -12.1542 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 31.7049, -12.4634, -12.1542 by changing the saturation by 10% instead.

31.7049, -12.4634,
-12.1542

31.7049, -12.4634,
-12.1542

138.2192,
-25.7970, -12.7330

23.3103, -10.8037,
-11.7681

50.8861, -15.5797,
-12.7157

15.8237, -9.0235,
-11.3318

61.5513, -17.0787,
-12.8927

9.3733, -8.2569,
-10.9261

72.8724, -18.5547,
-13.0052

0.0000, NaN, -NF

0.0000, NaN, NaN

84.8132, -20.0152,
-13.0573

0.0000, NaN, NaN

97.3433, -21.4660,
-13.0528

0.0000, NaN, NaN

110.4360,

0.0000, NaN, NaN

-22.9112, -12.9952

0.0000, NaN, NaN

124.0681,
-24.3541, -12.8877

31.7049, -12.4634,
-12.1542

31.7049, -12.4634,
-12.1542

31.4033, -12.3272,
-12.6404

32.4232, -12.7373,
-11.0194

33.2179, -12.7253,
-9.7934

34.1023, -12.3802,
-8.4633

35.0792, -11.6967,
-7.0345

36.1494, -10.6800,
-5.5152

■ 37.3117, -9.3427,
-3.9156

■ 38.5642, -7.7029,
-2.2465

■ 39.9040, -5.7820,
-0.5186

■ 41.3275, -3.6027,
1.2580

Harmonies

Analogous

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



31.7055, -16.2471, -3.1200



31.7049, -12.4634, -12.1542



31.7055, -5.5485, -18.0532

Triad

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



31.7055, -12.4633, -12.1537



31.7055, 16.3313, -2.2674



31.7055, -6.2935, 13.5432

Complementary

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



31.7049, -12.4634, -12.1542



21.0874, 28.1963, 13.0827

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.



31.7055, 2.3551, 13.6557



31.7049, -12.4634, -12.1542



31.7055, 16.0760, 5.9100

Square

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



31.7055, -12.4633, -12.1537



31.7055, 11.4025, -11.3857



31.7055, 10.7387, 11.2492



31.7055, -12.9576, 10.8842

Rectangle

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



31.7049, -12.4634, -12.1542



31.7055, 0.1970, -18.6039



31.7055, 10.7387, 11.2492



31.7055, -3.5405, 13.8492

Sweetspot

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



31.7055, -12.4633, -12.1537



50.9148, -11.2402, -3.9177



35.8046, -29.8259, 20.1384



24.1436, -5.7402, -2.2389



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.7055, -12.4633, -12.1537



41.8206, -16.2281, -17.2403



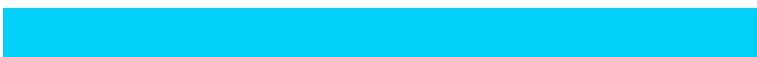
17.3121, 12.1207, -46.7584



20.1362, -2.1465, 0.3267



32.9333, -12.9007, -13.3148



71.9482, -27.4791, -30.6096

Inverse Universe

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



21.8465, 40.1687, -17.1964



28.8196, 54.6751, -22.6215



30.7934, 5.2864, 18.7901



19.3592, 1.1706, -0.1696



22.6250, 42.9539, -17.9991



49.8349, 94.4327, -38.2542

Previews

White Background



This preview shows how the HunterLab color 31.7049, -12.4634, -12.1542 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 31.7049, -12.4634, -12.1542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

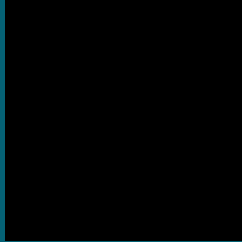
Any Text WCAG AA × Fail

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 31.7049, -12.4634, -12.1542 Background



This preview shows how black text looks on a background with the HunterLab color 31.7049, -12.4634, -12.1542.



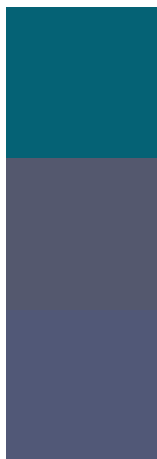
This preview shows how white text looks on a background with the HunterLab color 31.7049,

-12.4634, -12.1542.

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

31.7049, -12.4634, -12.1542

Protanopia

31.6070, 0.9385, -8.1797

Deuteranopia

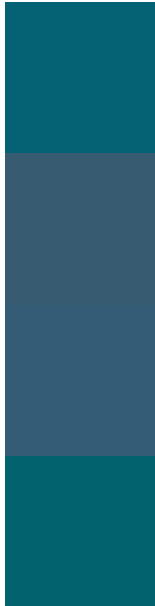
31.7186, 1.9664, -13.0443



Tritanopia

31.5994, -15.1036, -6.8922

Trichromacy



Original Color

31.7049, -12.4634, -12.1542

Protanomaly

31.0786, -6.2378, -10.7630

Deuteranomaly

31.1756, -5.5152, -13.4824

Tritanomaly

31.7558, -14.2236, -8.7599

Monochromacy



Original Color

31.7049, -12.4634, -12.1542

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.8660, -7.6639, -3.9545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7049, -12.4634, -12.1542 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(5, 98, 117)` looks like.

```
.text, #text, p{  
    color:rgb(5, 98, 117)  
}
```

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(5, 98, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 98, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7049, -12.4634, -12.1542 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(5, 98, 117) }
```


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

```
.border{ border-color:rgb(5, 98, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 98, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 98, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 98, 117);  
box-shadow:4px 4px 4px 4px rgb(5, 98, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7049, -12.4634, -12.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 98, 117) }
```

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

```
.background{ background-color: rgb(5, 98,  
117) }
```

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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