

Converting Colors

HunterLab(15.6104, -2.3557,
-16.5152)

Have a look what the booklet for
HunterLab(15.6104, -2.3557,
-16.5152) contains.

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Color

**HunterLab(15.7347, -1.6534,
-16.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	002E4C
RGB	0, 46, 76
RGB Percent	0%, 18%, 30%
CMY	1.0000, 0.8196, 0.7020
CMYK	1.00, 0.39, 0.00, 0.70
HSL	204°, 100%, 15%
HSV	204°, 100%, 30%
XYZ	2.2815, 2.4758, 7.1951
YIQ	35.6660, -37.0460, -0.4220

Conversions

Conversions Part 2

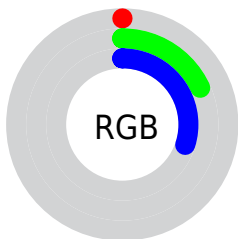
Format	Color
RYB	0, 29, 76
Decimal	11852
CIELab	17.81, -1.49, -22.57
CIELCh	18, 22.616, 266.212
Yxy	2.4759, 0.1909, 0.2071
Android (android.graphics.Color)	4278201932 (0xFF002E4C)
YUV	35.6660, 19.8847, -31.2791
Hunter-Lab	15.7347, -1.6534, -16.0977

Details

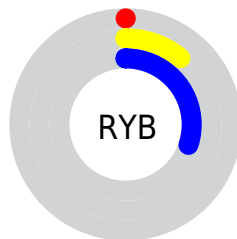
The HunterLab color **15.7347, -1.6534, -16.0977** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15.7015, 11.6861, 9.8791**, and the grayscale version is **13.1238, -0.7003, 0.7130**.

A 20% lighter version of the original color is **31.4526, -2.5668, -17.2380**, and **3.8432, 6.3916, -18.6013** is the 20% darker color. If you saturate the color by 10%, you get **15.7342, -1.6526, -16.0989**, and if you desaturate by 10%, it is **16.6361, -2.3095, -14.1580**.

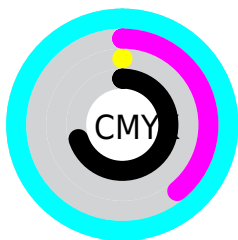
Distribution



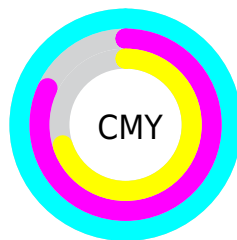
- Red (0%)
- Green (18%)
- Blue (30%)



- Red (0%)
- Yellow (11%)
- Blue (30%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7347, -1.6534, -16.0977 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 15.7347, -1.6534, -16.0977 by changing the saturation by 10% instead.

■ 15.7347, -1.6534,
-16.0977

■ 15.7347, -1.6534,
-16.0977

■ 110.2662, -7.4563,
-19.0445

■ 9.2980, -1.1968,
-15.8363

■ 31.5935, -2.7166,
-17.0772

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 40.7979, -3.3010,
-17.5383

0.0000, NaN, NaN

■ 50.7550, -3.9184,
-17.9420

0.0000, NaN, NaN

■ 61.4116, -4.5675,
-18.2833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7246, -5.2470,
-18.5620

0.0000, NaN, NaN

■ 84.6578, -5.9556,

0.0000, NaN, NaN

-18.7799

■ 97.1805, -6.6924,
-18.9398

■ 15.7347, -1.6534,
-16.0977

■ 15.7347, -1.6534,
-16.0977

■ 15.7342, -1.6526,
-16.0989

■ 16.6361, -2.3095,
-14.1580

■ 17.5533, -2.9270,
-12.3303

■ 18.5315, -3.3438,
-10.5156

■ 19.5710, -3.5583,
-8.7170

■ 20.6680, -3.5841,
-6.9420

■ 21.8187, -3.4371,
-5.1959

■ 23.0192, -3.1335,
-3.4818

■ 24.2660, -2.6889,
-1.8009

■ 25.5555, -2.1179,
-0.1534

Harmonies

Analogous

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



15.7349, -7.1730, -12.4788



15.7347, -1.6534, -16.0977



15.7349, 5.0342, -13.8715

Triad

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



15.7349, -1.6531, -16.0973



15.7349, 11.9349, 5.2349



15.7349, -9.8950, 6.1150

Complementary

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



15.7347, -1.6534, -16.0977



15.7015, 11.6861, 9.8791

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.



15.7349, -5.9625, 8.2707



15.7347, -1.6534, -16.0977



15.7349, 6.6852, 7.8771

Square

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



15.7349, -1.6531, -16.0973



15.7349, 13.5808, 0.0552



15.7349, -0.0109, 8.8703



15.7349, -11.4208, 1.6177

Rectangle

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



15.7347, -1.6534, -16.0977



15.7349, 9.1748, -9.7182



15.7349, -0.0109, 8.8703



15.7349, -8.8452, 7.0381

Sweetspot

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



15.7349, -1.6531, -16.0973



30.2044, -4.1929, -4.8551



22.9311, -18.2714, 10.7817



15.2951, -2.2030, -2.7546



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



15.7349, -1.6531, -16.0973



20.3991, -1.5756, -22.0959



8.4525, 14.7924, -42.4949



13.4012, -1.0591, 0.0325



20.9182, -1.5654, -22.7668



49.1141, -0.7915, -59.6798

Inverse Universe

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



13.1678, 24.0458, -3.1037



17.3388, 31.5864, -3.4718



23.5941, -3.4950, 14.4770



13.1045, 0.5323, 0.2619



17.8036, 32.4263, -3.5121



43.1296, 78.1760, -5.5820

Previews

White Background



This preview shows how the HunterLab color 15.7347, -1.6534, -16.0977 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 15.7347, -1.6534, -16.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

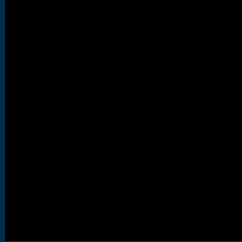
Any Text WCAG AA × Fail

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 15.7347, -1.6534, -16.0977 Background



This preview shows how black text looks on a background with the HunterLab color 15.7347, -1.6534, -16.0977.



This preview shows how white text looks on a background with the HunterLab color 15.7347, -1.6534,

-16.0977.

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

15.7347, -1.6534, -16.0977

Protanopia

15.9036, 2.4235, -14.3105

Deuteranopia

15.9603, 0.3806, -15.5589



Tritanopia

15.6642, -7.5738, -3.2291

Trichromacy



Original Color

15.7347, -1.6534, -16.0977

Protanomaly

15.6783, 0.5611, -15.5023

Deuteranomaly

15.7612, -0.3008, -16.0144

Tritanomaly

15.6551, -5.7411, -7.1742

Monochromacy



Original Color

15.7347, -1.6534, -16.0977

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.9239, -2.4493, -4.7994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7347, -1.6534, -16.0977 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(0, 46, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 76)  
}
```

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(0, 46, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7347, -1.6534, -16.0977 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(0, 46, 76) }
```


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

```
.border{ border-color:rgb(0, 46, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 46, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 46, 76); box-shadow:4px  
4px 4px 4px rgb(0, 46, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7347, -1.6534, -16.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 76) }
```

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

```
.background{ background-color: rgb(0, 46,  
76) }
```

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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