

Converting Colors

HunterLab(16.9436, 15.3567,
-11.3476)

Have a look what the booklet for
HunterLab(16.9436, 15.3567,
-11.3476) contains.

HunterLab(16.9436, 15.3567, -11.3476)	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(16.9436, 15.3567,
-11.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	462149
RGB	70, 33, 73
RGB Percent	27%, 13%, 29%
CMY	0.7255, 0.8706, 0.7137
CMYK	0.04, 0.55, 0.00, 0.71
HSL	296°, 38%, 21%
HSV	296°, 55%, 29%
XYZ	4.2723, 2.8709, 6.6323
YIQ	48.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

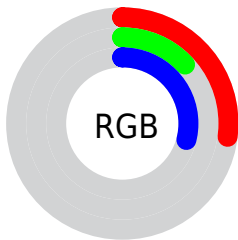
Format	Color
RYB	70, 33, 73
Decimal	4596041
CIELab	19.52, 24.68, -17.45
CIElCh	20, 30.224, 324.732
Yxy	2.8710, 0.3101, 0.2084
Android (android.graphics.Color)	4282786121 (0xFF462149)
YUV	48.6230, 12.0179, 18.7476
Hunter-Lab	16.9436, 15.3567, -11.3476

Details

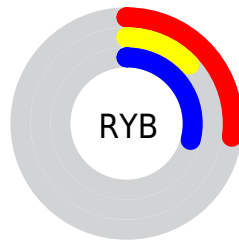
The HunterLab color **16.9436, 15.3567, -11.3476** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **22.9130, -13.7296, 10.1550**, and the grayscale version is **17.3590, -0.9262, 0.9431**.

A 20% lighter version of the original color is **33.1514, 17.6601, -12.1928**, and **5.9578, 11.7762, -8.3464** is the 20% darker color. If you saturate the color by 10%, you get **15.7751, 18.2426, -13.6510**, and if you desaturate by 10%, it is **18.2801, 12.3135, -8.9648**.

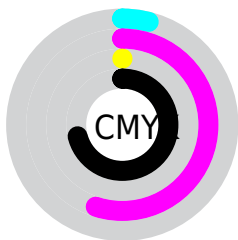
Distribution



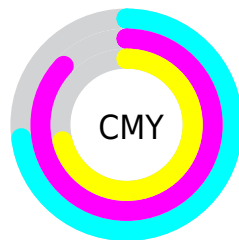
- Red (27%)
- Green (13%)
- Blue (29%)



- Red (27%)
- Yellow (13%)
- Blue (29%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (71%)



- Cyan (73%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9436, 15.3567, -11.3476 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 16.9436, 15.3567, -11.3476 by changing the saturation by 10% instead.

■ 16.9436, 15.3567,
-11.3476

■ 16.9436, 15.3567,
-11.3476

■ 112.5590, 21.3284,
-12.9079

■ 10.3187, 14.0720,
-10.9243

■ 33.1118, 17.4636,
-12.1500

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.4492, 18.3093,
-12.4532

0.0000, NaN, NaN

■ 52.5294, 19.0381,
-12.6854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3011, 19.6638,
-12.8497

0.0000, NaN, NaN

■ 74.7226, 20.1973,
-12.9502

0.0000, NaN, NaN

■ 86.7586, 20.6479,

0.0000, NaN, NaN

-12.9909

99.3794, 21.0228,
-12.9757

16.9436, 15.3567,
-11.3476

16.9436, 15.3567,
-11.3476

15.7751, 18.2426,
-13.6510

18.2801, 12.3135,
-8.9648

14.7938, 20.8425,
-15.7817

19.7630, 9.2103,
-6.5714

14.0164, 23.0039,
-17.6240

21.3733, 6.1092,
-4.2087

13.3631, 24.8972,
-19.2970

23.0941, 3.0466,
-1.8990

13.0115, 25.9796,
-20.2503

24.9110, 0.0408,
0.3482

■ 26.8119, -2.9016,
2.5317

■ 28.7868, -5.7806,
4.6545

■ 30.8272, -8.6000,
6.7217

■ 32.9262, -11.3655,
8.7395

Harmonies

Analogous

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



16.9440, 6.8223, -21.3670



16.9436, 15.3567, -11.3476



16.9440, 19.5992, -0.6331

Triad

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



16.9440, 15.3561, -11.3470



16.9440, 0.6867, 10.9904



16.9440, -13.7615, -7.3488

Complementary

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



16.9436, 15.3567, -11.3476



22.9130, -13.7296, 10.1550

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.



16.9440, -14.7439, 2.3430



16.9436, 15.3567, -11.3476



16.9440, -7.4557, 10.3434

Square

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



16.9440, 15.3561, -11.3470



16.9440, 10.0885, 9.6645



16.9440, -12.6852, 7.8620



16.9440, -9.6574, -18.3445

Rectangle

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



16.9436, 15.3567, -11.3476



16.9440, 18.9042, 4.5455



16.9440, -12.6852, 7.8620



16.9440, -14.4269, -3.7346

Sweetspot

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



16.9440, 15.3561, -11.3470



29.6339, 4.6819, -3.0102



14.4449, 5.2556, -16.8798



15.1883, 2.6141, -1.7022



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.9440, 15.3561, -11.3470



20.0234, 25.0445, -18.8239



16.7126, 13.6205, -2.8889



12.3714, 0.5955, -0.2507



17.8448, 35.6563, -27.9761



43.8574, 87.7460, -69.6357

Inverse Universe

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



16.2225, 11.3330, 4.0940



18.8879, 18.9308, 6.5405



23.0563, -12.6448, 6.3222



12.3134, 0.2440, 0.8746



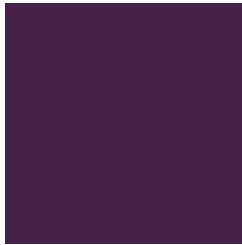
16.4147, 28.2102, 9.8349



40.4516, 69.3748, 25.3621

Previews

White Background



This preview shows how the HunterLab color 16.9436, 15.3567, -11.3476 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 16.9436, 15.3567, -11.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

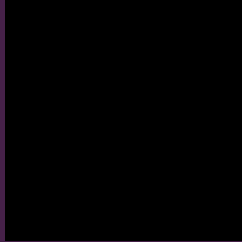
Any Text WCAG AA × Fail

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 16.9436, 15.3567, -11.3476 Background



This preview shows how black text looks on a background with the HunterLab color 16.9436, 15.3567, -11.3476.



This preview shows how white text looks on a background with the HunterLab color 16.9436, 15.3567, -11.3476.

-11.3476.

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

16.9436, 15.3567, -11.3476

Protanopia

17.2190, 2.9528, -18.9309

Deuteranopia

17.2842, 0.7259, -9.2132



Tritanopia

17.1055, 6.5296, 2.3953

Trichromacy



Original Color

16.9436, 15.3567, -11.3476

Protanomaly

16.7568, 6.8443, -17.0987

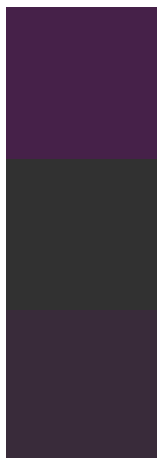
Deuteranomaly

16.9139, 5.4023, -10.3797

Tritanomaly

16.8978, 9.4868, -2.1037

Monochromacy



Original Color

16.9436, 15.3567, -11.3476

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.0385, 4.9109, -3.3445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9436, 15.3567, -11.3476 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(70, 33, 73)` looks like.

```
.text, #text, p{  
    color:rgb(70, 33, 73)  
}
```

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(70, 33, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 33, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9436, 15.3567, -11.3476 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(70, 33, 73) }
```


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

```
.border{ border-color:rgb(70, 33, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 33, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 33, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 33, 73);  
box-shadow:4px 4px 4px 4px rgb(70, 33, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9436, 15.3567, -11.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 33, 73) }
```

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

```
.background{ background-color: rgb(70, 33,  
73) }
```

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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