

Converting Colors

HunterLab(15.8257, 33.1635,
-36.7618)

Have a look what the booklet for
HunterLab(15.8257, 33.1635,
-36.7618) contains.

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Color

**HunterLab(15.7981, 33.1269,
-36.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0066
RGB	76, 0, 102
RGB Percent	30%, 0%, 40%
CMY	0.7020, 1.0000, 0.6000
CMYK	0.25, 1.00, 0.00, 0.60
HSL	285°, 100%, 20%
HSV	285°, 100%, 40%
XYZ	5.3788, 2.4958, 12.7686
YIQ	34.3520, 12.5540, 47.8340

Conversions

Conversions Part 2

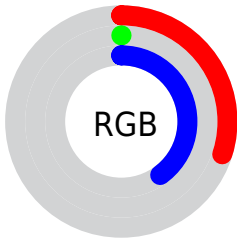
Format	Color
RYB	76, 0, 102
Decimal	4980838
CIELab	17.90, 45.84, -39.45
CIELCh	18, 60.479, 319.290
Yxy	2.4959, 0.2606, 0.1209
Android (android.graphics.Color)	4283170918 (0xFF4C0066)
YUV	34.3520, 33.3505, 36.5253
Hunter-Lab	15.7981, 33.1269, -36.8616

Details

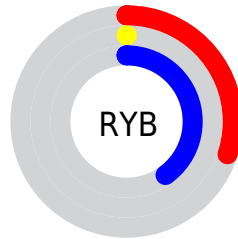
The HunterLab color **15.7981, 33.1269, -36.8616** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **31.1807, -24.9273, 18.7769**, and the grayscale version is **12.6544, -0.6752, 0.6875**.

A 20% lighter version of the original color is **31.6644, 37.0328, -37.0845**, and **7.1639, 15.9861, -24.1899** is the 20% darker color. If you saturate the color by 10%, you get **15.7982, 33.1270, -36.8613**, and if you desaturate by 10%, it is **16.8106, 31.1095, -33.4316**.

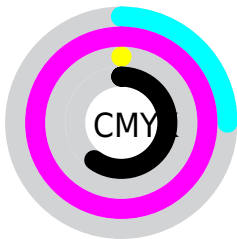
Distribution



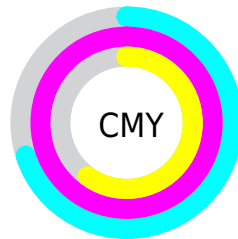
- Red (30%)
- Green (0%)
- Blue (40%)



- Red (30%)
- Yellow (0%)
- Blue (40%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7981, 33.1269, -36.8616 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 15.7981, 33.1269, -36.8616 by changing the saturation by 10% instead.

■ 15.7981, 33.1269,
-36.8616

■ 15.7981, 33.1269,
-36.8616

■ 110.3875, 46.5925,
-41.2066

■ 9.3519, 31.5094,
-38.7241

■ 31.6735, 36.8090,
-36.9296

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.8850, 38.5373,
-37.4869

0.0000, NaN, -NF

■ 50.8487, 40.1500,
-38.1332

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5115, 41.6465,
-38.8010

0.0000, NaN, NaN

■ 72.8302, 43.0321,
-39.4562


0.0000, NaN, NaN


■ 84.7689, 44.3137,


0.0000, NaN, NaN


-40.0811


 97.2968, 45.4983,
-40.6662

 15.7981, 33.1269,
-36.8616


 15.7981, 33.1269,
-36.8616


 15.7982, 33.1270,
-36.8613

 16.8106, 31.1095,
-33.4316

 17.9781, 28.7676,
-29.8741

 19.4788, 25.6260,
-25.8106

 21.2815, 21.9665,
-21.5229

 23.3473, 18.0276,
-17.2201

■ 25.6382, 13.9759,
-13.0271

■ 28.1200, 9.9124,
-9.0033

■ 30.7643, 5.8910,
-5.1661

■ 33.5478, 1.9360,
-1.5102

Harmonies

Analogous

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



15.7984, 11.7223, -67.7075



15.7981, 33.1269, -36.8616



15.7984, 46.9598, -6.2277

Triad

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



15.7984, 33.1267, -36.8607



15.7984, 5.8292, 11.0589



15.7984, -22.1110, -13.5810

Complementary

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



15.7981, 33.1269, -36.8616



31.1807, -24.9273, 18.7769

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.



15.7984, -22.7569, 5.6847



15.7981, 33.1269, -36.8616



15.7984, -10.4034, 11.0589

Square

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



15.7984, 33.1267, -36.8607



15.7984, 27.2507, 11.0589



15.7984, -19.0109, 11.0589



15.7984, -17.2183, -46.8831

Rectangle

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



15.7981, 33.1269, -36.8616



15.7984, 47.2436, 5.1645



15.7984, -19.0109, 11.0589



15.7984, -22.8287, -5.1520

Sweetspot

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



15.7984, 33.1267, -36.8607



36.9470, 13.5895, -12.3729



13.2380, 14.5192, -47.8886



17.4672, 7.3676, -6.7610



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



15.7984, 33.1267, -36.8607



20.7939, 43.7009, -49.2810



18.3787, 34.4821, -11.4455



16.8989, 0.7559, -0.5623



17.8518, 37.4732, -41.9627



40.2362, 84.8755, -97.7957

Inverse Universe

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



17.0276, 29.5978, 7.6076



22.5131, 39.0622, 10.6106



30.9320, -25.7725, 16.9733



16.9022, 0.5770, 0.9171



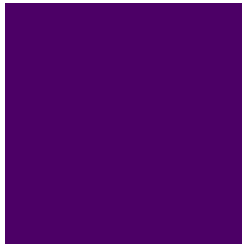
19.2817, 33.4870, 8.8434



43.8937, 75.9553, 22.2696

Previews

White Background



This preview shows how the HunterLab color 15.7981, 33.1269, -36.8616 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 15.7981, 33.1269, -36.8616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

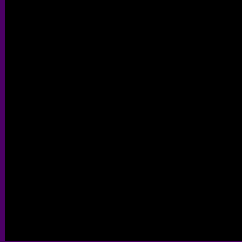
Any Text WCAG AA × Fail

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 15.7981, 33.1269, -36.8616 Background



This preview shows how black text looks on a background with the HunterLab color 15.7981, 33.1269, -36.8616.



This preview shows how white text looks on a background with the HunterLab color 15.7981, 33.1269, -36.8616.

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

15.7981, 33.1269, -36.8616

Protanopia

16.7841, 3.9652, -29.5384

Deuteranopia

16.8894, -0.6190, -19.7740



Tritanopia

16.9862, 7.1548, 2.6145

Trichromacy



Original Color

15.7981, 33.1269, -36.8616

Protanomaly

14.2354, 14.8421, -40.1334

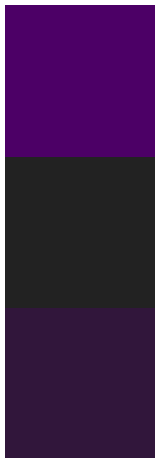
Deuteranomaly

14.0790, 11.5867, -32.8026

Tritanomaly

15.3867, 17.1431, -8.9091

Monochromacy



Original Color

15.7981, 33.1269, -36.8616

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4200, 11.9380, -11.8902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7981, 33.1269, -36.8616 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(76, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 102)  
}
```

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(76, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7981, 33.1269, -36.8616 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(76, 0, 102) }
```


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

```
.border{ border-color:rgb(76, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7981, 33.1269, -36.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 102) }
```

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

```
.background{ background-color: rgb(76, 0,  
102) }
```

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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