

Converting Colors

HunterLab(16.8073, 6.8479,
-15.5730)

Have a look what the booklet for
HunterLab(16.8073, 6.8479,
-15.5730) contains.

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Color

**HunterLab(16.8071, 6.8199,
-15.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2A4F
RGB	47, 42, 79
RGB Percent	18%, 16%, 31%
CMY	0.8157, 0.8353, 0.6902
CMYK	0.41, 0.47, 0.00, 0.69
HSL	248°, 31%, 24%
HSV	248°, 47%, 31%
XYZ	3.4115, 2.8248, 7.7626
YIQ	47.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

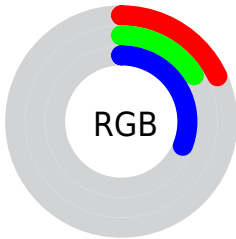
Format	Color
R_{YB}	47, 42, 79
Decimal	3091023
CIE _{Lab}	19.33, 12.66, -22.02
CIE _{LCh}	19, 25.398, 299.891
Yxy	2.8249, 0.2437, 0.2018
Android (android.graphics.Color)	4281281103 (0xFF2F2A4F)
YUV	47.7130, 15.4245, -0.6253
Hunter-Lab	16.8071, 6.8199, -15.6189

Details

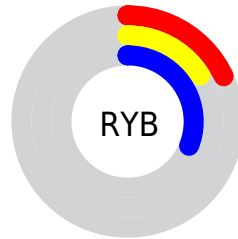
The HunterLab color **16.8071, 6.8199, -15.6189** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.8608, -6.8818, 11.5957**, and the grayscale version is **17.0495, -0.9097, 0.9263**.

A 20% lighter version of the original color is **32.8752, 7.7530, -16.4376**, and **3.4835, 9.4491, -24.7519** is the 20% darker color. If you saturate the color by 10%, you get **14.7271, 8.9878, -20.5484**, and if you desaturate by 10%, it is **19.0183, 4.8248, -11.2575**.

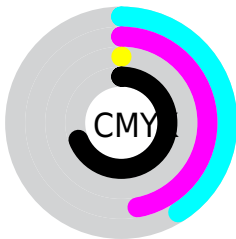
Distribution



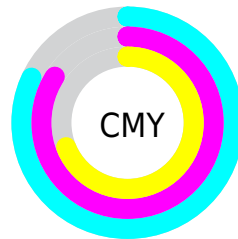
- Red (18%)
- Green (16%)
- Blue (31%)



- Red (18%)
- Yellow (16%)
- Blue (31%)



- Cyan (41%)
- Magenta (47%)
- Yellow (0%)
- Black (69%)



- Cyan (82%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8071, 6.8199, -15.6189 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 16.8071, 6.8199, -15.6189 by changing the saturation by 10% instead.

■ 16.8071, 6.8199,
-15.6189

■ 16.8071, 6.8199,
-15.6189

■ 112.3021, 7.7100,
-18.3852

■ 10.2030, 6.2003,
-15.2761

■ 32.9410, 7.6192,
-16.5933

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.2637, 7.8525,
-17.0327

0.0000, NaN, NaN

■ 52.3301, 7.9974,
-17.4116

0.0000, NaN, NaN

■ 63.0891, 8.0651,
-17.7268

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4984, 8.0641,
-17.9793

0.0000, NaN, NaN

■ 86.5231, 8.0012,

0.0000, NaN, NaN

-18.1712

99.1329, 7.8816,
-18.3056

16.8071, 6.8199,
-15.6189

16.8071, 6.8199,
-15.6189

14.7271, 8.9878,
-20.5484

19.0183, 4.8248,
-11.2575

12.8108, 11.3449,
-26.1427

21.3358, 2.9736,
-7.3570

11.1052, 13.8623,
-32.4074

23.7426, 1.2374,
-3.8206

9.6729, 16.4010,
-39.0938

26.2259, -0.4086,
-0.5700

8.3855, 19.4284,
-46.7953

28.7762, -1.9842,
2.4559

■ 7.9591, 20.7228,
-49.8368

■ 31.3859, -3.5053,
5.3047

■ 34.0491, -4.9841,
8.0128

■ 36.7610, -6.4302,
10.6088

■ 39.5177, -7.8511,
13.1149

Harmonies

Analogous

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



16.8074, -0.9250, -19.1032



16.8071, 6.8199, -15.6189



16.8074, 13.3112, -7.4172

Triad

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



16.8074, 6.8198, -15.6184



16.8074, 6.8753, 8.9649



16.8074, -12.9180, 0.9408

Complementary

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



16.8071, 6.8199, -15.6189



26.8608, -6.8818, 11.5957

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.



16.8074, -11.5451, 6.3987



16.8071, 6.8199, -15.6189



16.8074, -0.8704, 9.8100

Square

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



16.8074, 6.8198, -15.6184



16.8074, 13.3469, 6.3705



16.8074, -7.4333, 8.9768



16.8074, -11.5650, -7.3516

Rectangle

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



16.8071, 6.8199, -15.6189



16.8074, 15.5810, -1.6461



16.8074, -7.4333, 8.9768



16.8074, -12.7638, 3.1271

Sweetspot

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



16.8074, 6.8198, -15.6184



31.7002, 1.1011, -3.9580



24.4199, -7.5065, -3.0440



15.6300, 0.6810, -2.2376



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.



16.8074, 6.8198, -15.6184



18.9024, 12.0530, -27.5701



18.3281, 11.2465, -12.4388



12.9088, -0.0606, -0.5664



10.2516, 26.9136, -65.9121



24.4472, 65.1206, -164.4633

Inverse Universe

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



19.5261, 14.1747, -7.3917



23.4640, 23.1922, -12.0610



25.6662, -11.3890, 10.5557



13.1285, 0.6611, -0.0785



18.7961, 35.9563, -17.0588



45.6508, 87.1584, -40.1131

Previews

White Background



This preview shows how the HunterLab color 16.8071, 6.8199, -15.6189 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

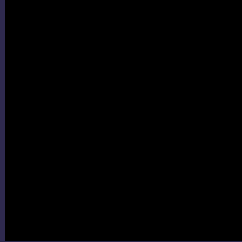
Any Text WCAG AA × Fail

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 16.8071, 6.8199, -15.6189 Background



This preview shows how black text looks on a background with the HunterLab color 16.8071, 6.8199, -15.6189.



This preview shows how white text looks on a background with the HunterLab color 16.8071, 6.8199, -15.6189.

-15.6189.

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

16.8071, 6.8199, -15.6189

Protanopia

16.8954, 2.9073, -18.2565

Deuteranopia

16.7812, 0.8804, -15.1098



Tritanopia

16.8323, -1.9774, -1.1063

Trichromacy



Original Color

16.8071, 6.8199, -15.6189

Protanomaly

16.9146, 4.0523, -17.4876

Deuteranomaly

16.6340, 2.7961, -15.3923

Tritanomaly

16.7791, 0.8785, -5.7494

Monochromacy



Original Color

16.8071, 6.8199, -15.6189

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0239, 1.5102, -3.8940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8071, 6.8199, -15.6189 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(47, 42, 79)` looks like.

```
.text, #text, p{  
    color:rgb(47, 42, 79)  
}
```

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(47, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 42, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8071, 6.8199, -15.6189 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(47, 42, 79) }
```


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

```
.border{ border-color:rgb(47, 42, 79) }
```

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

Here you see how a box with a 4 pixel rgb(47, 42, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(47, 42, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8071, 6.8199, -15.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 42, 79) }
```

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

```
.background{ background-color: rgb(47, 42,  
79) }
```

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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