

Converting Colors

HunterLab(16.0053, 8.1154,
-53.7560)

Have a look what the booklet for
HunterLab(16.0053, 8.1154,
-53.7560) contains.

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Color

**HunterLab(17.4234, 11.8600,
-47.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	002B76
RGB	0, 43, 118
RGB Percent	0%, 17%, 46%
CMY	0.9999, 0.8314, 0.5373
CMYK	1.00, 0.64, 0.00, 0.54
HSL	218°, 100%, 23%
HSV	218°, 100%, 46%
XYZ	4.1339, 3.0357, 17.5076
YIQ	38.6930, -49.7030, 14.2090

Conversions

Conversions Part 2

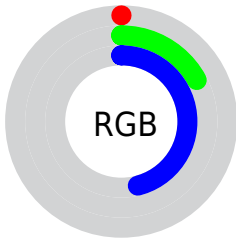
Format	Color
RYB	0, 32, 118
Decimal	11126
CIELab	20.19, 19.86, -46.36
CIELCh	20, 50.440, 293.189
Yxy	3.0358, 0.1675, 0.1230
Android (android.graphics.Color)	4278201206 (0xFF002B76)
YUV	38.6930, 39.0984, -33.9338
Hunter-Lab	17.4234, 11.8600, -47.3801

Details

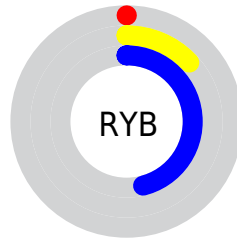
The HunterLab color **17.4234, 11.8600, -47.3801** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **29.8089, 7.6462, 18.5012**, and the grayscale version is **14.0357, -0.7489, 0.7626**.

A 20% lighter version of the original color is **33.7277, 13.2941, -46.7130**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **17.4215, 11.8647, -47.3878**, and if you desaturate by 10%, it is **19.2589, 8.7571, -40.7449**.

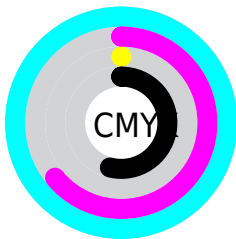
Distribution



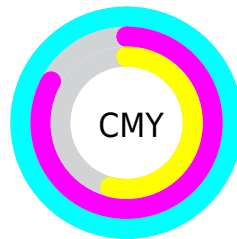
- Red (0%)
- Green (17%)
- Blue (46%)



- Red (0%)
- Yellow (13%)
- Blue (46%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4234, 11.8600, -47.3801 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 17.4234, 11.8600, -47.3801 by changing the saturation by 10% instead.

■ 17.4234, 11.8600,
-47.3801

■ 17.4234, 11.8600,
-47.3801

■ 113.4576, 15.8071,
-51.3399

■ 10.7259, 10.8231,
-50.1534

■ 33.7104, 13.4564,
-46.7534

■ 1.4379, 60.1155,
-228.9418

■ 43.0992, 14.0583,
-47.2134

0.0000, NaN, -NF

■ 53.2270, 14.5536,
-47.8429

0.0000, NaN, -NF

■ 64.0433, 14.9554,
-48.5452

0.0000, NaN, NaN

■ 75.5068, 15.2742,
-49.2692

0.0000, NaN, NaN

■ 87.5827, 15.5181,

0.0000, NaN, NaN

-49.9861

0.0000, NaN, NaN

100.2416, 15.6939,
-50.6796

17.4234, 11.8600,
-47.3801

17.4234, 11.8600,
-47.3801

17.4215, 11.8647,
-47.3878

19.2589, 8.7571,
-40.7449

21.2691, 6.0063,
-34.5675

23.4758, 3.7521,
-28.7560

25.8514, 1.9543,
-23.3458

28.3719, 0.5559,
-18.3249

■ 31.0175, -0.5015,
-13.6583

■ 33.7718, -1.2710,
-9.3025

■ 36.6217, -1.7982,
-5.2141

■ 39.5564, -2.1212,
-1.3527

Harmonies

Analogous

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



17.4236, -4.2027, -53.7032



17.4234, 11.8600, -47.3801



17.4236, 28.4872, -24.5938

Triad

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



17.4236, 11.8610, -47.3797



17.4236, 19.7969, 12.1965



17.4236, -21.2414, 3.8833

Complementary

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



17.4234, 11.8600, -47.3801



29.8089, 7.6462, 18.5012

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.



17.4236, -18.4593, 11.1063



17.4234, 11.8600, -47.3801



17.4236, 2.6023, 12.1965

Square

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



17.4236, 11.8610, -47.3797



17.4236, 34.0429, 8.6339



17.4236, -10.8463, 12.1965



17.4236, -20.2322, -13.5766

Rectangle

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



17.4234, 11.8600, -47.3801



17.4236, 35.8971, -8.9299



17.4236, -10.8463, 12.1965



17.4236, -20.7618, 7.1373

Sweetspot

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



17.4236, 11.8610, -47.3797



44.5003, -1.6200, -12.7605



36.6898, -26.5527, 11.4620



20.7558, -0.6301, -7.0144



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.



17.4236, 11.8610, -47.3797



22.5905, 16.9742, -64.8787



11.9006, 31.3645, -77.5093



19.4632, -1.0467, -0.4851



18.0582, 12.4903, -49.5342



37.9286, 32.3828, -117.3128

Inverse Universe

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



20.0656, 35.2283, 6.2280



26.5618, 46.5534, 8.9046



39.7460, -15.7148, 24.2156



19.2896, 0.7965, 0.8207



20.8643, 36.6238, 6.5588



45.8930, 80.2406, 16.8837

Previews

White Background



This preview shows how the HunterLab color 17.4234, 11.8600, -47.3801 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 17.4234, 11.8600, -47.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

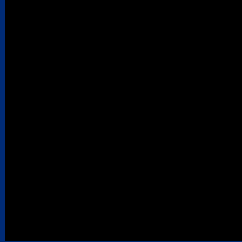
Any Text WCAG AA × Fail

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 17.4234, 11.8600, -47.3801 Background



This preview shows how black text looks on a background with the HunterLab color 17.4234, 11.8600, -47.3801.



This preview shows how white text looks on a background with the HunterLab color 17.4234, 11.8600, -47.3801.

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

17.4234, 11.8600, -47.3801

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.4808, -0.9367, -19.8274



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

17.4234, 11.8600, -47.3801

Protanomaly

17.3653, 6.9326, -36.6707

Deuteranomaly

17.3082, 3.3471, -28.8592

Tritanomaly

17.1664, -2.6751, -15.6817

Monochromacy



Original Color

17.4234, 11.8600, -47.3801

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6342, 1.2620, -13.1171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4234, 11.8600, -47.3801 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, 43, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 118)  
}
```

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, 43, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4234, 11.8600, -47.3801 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, 43, 118) }
```


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

```
.border{ border-color:rgb(0, 43, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4234, 11.8600, -47.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 118) }
```

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

```
.background{ background-color: rgb(0, 43,  
118) }
```

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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