

Converting Colors

HunterLab(18.7494, 16.4003,
-46.8934)

Have a look what the booklet for
HunterLab(18.7494, 16.4003,
-46.8934) contains.

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Color

**HunterLab(18.7782, 15.9944,
-46.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	252B7A
RGB	37, 43, 122
RGB Percent	15%, 17%, 48%
CMY	0.8549, 0.8314, 0.5216
CMYK	0.70, 0.65, 0.00, 0.52
HSL	236°, 53%, 31%
HSV	236°, 70%, 48%
XYZ	5.1397, 3.5262, 18.8221
YIQ	50.2120, -28.9350, 23.2970

Conversions

Conversions Part 2

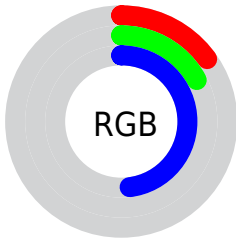
Format	Color
R_{YB}	37, 43, 122
Decimal	2435962
CIE _{Lab}	22.04, 25.12, -45.83
CIE _{LCh}	22, 52.259, 298.725
Yxy	3.5263, 0.1870, 0.1283
Android (android.graphics.Color)	4280626042 (0xFF252B7A)
YUV	50.2120, 35.3915, -11.5869
Hunter-Lab	18.7782, 15.9944, -46.2838

Details

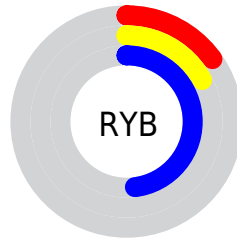
The HunterLab color **18.7782, 15.9944, -46.2838** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **40.9430, -7.9715, 22.5541**, and the grayscale version is **17.8231, -0.9510, 0.9684**.

A 20% lighter version of the original color is **35.5241, 17.8590, -45.4884**, and **6.8402, 18.5540, -48.6023** is the 20% darker color. If you saturate the color by 10%, you get **16.1993, 20.3155, -57.0526**, and if you desaturate by 10%, it is **21.7561, 12.1754, -36.5588**.

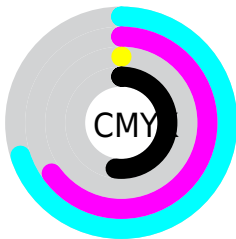
Distribution



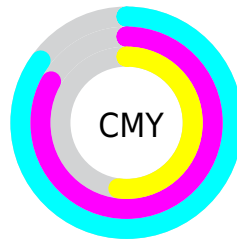
- Red (15%)
- Green (17%)
- Blue (48%)



- Red (15%)
- Yellow (17%)
- Blue (48%)



- Cyan (70%)
- Magenta (65%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (83%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7782, 15.9944, -46.2838 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 18.7782, 15.9944, -46.2838 by changing the saturation by 10% instead.

■ 18.7782, 15.9944,
-46.2838

■ 18.7782, 15.9944,
-46.2838

■ 115.9651, 21.9083,
-50.6593

■ 11.8839, 14.7285,
-48.3889

■ 35.3911, 18.0709,
-46.0336

■ 4.7513, 22.7808,
-73.9991

■ 44.9212, 18.9064,
-46.5477

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.1800, 19.6281,
-47.2001

0.0000, NaN, NaN

■ 66.1191, 20.2489,
-47.9083

0.0000, NaN, NaN

■ 77.6985, 20.7793,
-48.6282

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.8845, 21.2281,

-49.3352

0.0000, NaN, NaN

102.6484, 21.6024,
-50.0150

18.7782, 15.9944,
-46.2838

18.7782, 15.9944,
-46.2838

16.1993, 20.3155,
-57.0526

21.7561, 12.1754,
-36.5588

14.1402, 24.8520,
-68.0555

25.0383, 8.8802,
-28.0162

12.6599, 28.8214,
-77.9254

28.5582, 6.0377,
-20.5231

12.6172, 28.9389,
-78.2413

32.2687, 3.5588,
-13.8845

36.1366, 1.3641,
-7.9185

■ 40.1376, -0.6096,
-2.4763

■ 44.2540, -2.4114,
2.5585

■ 48.4719, -4.0783,
7.2749

■ 52.7807, -5.6387,
11.7414

Harmonies

Analogous

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



18.7784, -1.6758, -57.1571



18.7782, 15.9944, -46.2838



18.7784, 32.7702, -21.1031

Triad

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



18.7784, 15.9952, -46.2832



18.7784, 17.5728, 13.1449



18.7784, -22.7848, 1.6554

Complementary

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



18.7782, 15.9944, -46.2838



40.9430, -7.9715, 22.5541

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.



18.7784, -20.5909, 10.7457



18.7782, 15.9944, -46.2838



18.7784, -0.3205, 13.1449

Square

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



18.7784, 15.9952, -46.2832



18.7784, 33.8735, 10.3012



18.7784, -13.5157, 13.1449



18.7784, -20.9461, -18.9198

Rectangle

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



18.7782, 15.9944, -46.2838



18.7784, 39.1835, -5.5720



18.7784, -13.5157, 13.1449



18.7784, -22.5129, 5.8511

Sweetspot

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



18.7784, 15.9952, -46.2832



46.9739, 2.3203, -11.9004



39.4315, -20.0589, -0.4044



21.9258, 1.4039, -6.4933



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



18.7784, 15.9952, -46.2832



19.6592, 30.7849, -85.0407



20.3040, 24.9395, -40.8187



19.8363, -0.3545, -1.0636



12.9256, 29.7767, -80.4351



27.3554, 68.6377, -182.3609

Inverse Universe

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



23.7391, 27.0608, 9.3936



28.4721, 42.7878, 15.0366



40.0738, -20.3059, 21.7476



20.0480, 0.6082, 1.4836



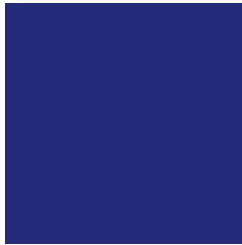
20.9178, 35.9146, 12.8009



45.6318, 78.2402, 28.7551

Previews

White Background



This preview shows how the HunterLab color 18.7782, 15.9944, -46.2838 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 18.7782, 15.9944, -46.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

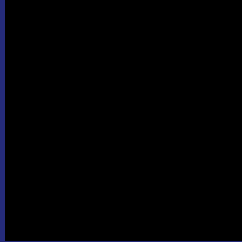
Any Text WCAG AA × Fail

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 18.7782, 15.9944, -46.2838 Background



This preview shows how black text looks on a background with the HunterLab color 18.7782, 15.9944, -46.2838.



This preview shows how white text looks on a background with the HunterLab color 18.7782, 15.9944, -46.2838.

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

18.7782, 15.9944, -46.2838

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.5166, -0.6408, -21.7609

Trichromacy



Original Color

18.7782, 15.9944, -46.2838

Protanomaly

18.4166, 8.5132, -38.7983

Deuteranomaly

18.3473, 4.9134, -30.9309

Monochromacy



Original Color

18.7782, 15.9944, -46.2838

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.6429, 3.5565, -12.0440

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7782, 15.9944, -46.2838 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(37, 43, 122)` looks like.

```
.text, #text, p{  
    color:rgb(37, 43, 122)  
}
```

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(37, 43, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 43, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7782, 15.9944, -46.2838 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(37, 43, 122) }
```

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

```
.border{ border-color:rgb(37, 43, 122) }
```

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

Here you see how a box with a 4 pixel rgb(37, 43, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 43, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 43, 122);  
box-shadow:4px 4px 4px 4px rgb(37, 43,  
122) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.7782, 15.9944, -46.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 43, 122) }
```

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

```
.background{ background-color: rgb(37, 43,  
122) }
```

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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