

Converting Colors

HunterLab(17.9942, 18.6781,
-62.8119)

Have a look what the booklet for
HunterLab(17.9942, 18.6781,
-62.8119) contains.

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Color

**HunterLab(17.9967, 18.7118,
-62.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	002886
RGB	0, 40, 134
RGB Percent	0%, 16%, 53%
CMY	0.9999, 0.8431, 0.4745
CMYK	1.00, 0.70, 0.00, 0.47
HSL	222°, 100%, 26%
HSV	222°, 100%, 53%
XYZ	5.0619, 3.2388, 22.9126
YIQ	38.7560, -54.0140, 20.7540

Conversions

Conversions Part 2

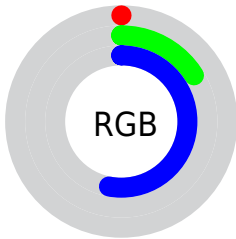
Format	Color
RYB	0, 31, 134
Decimal	10374
CIELab	20.98, 28.74, -55.21
CIELCh	21, 62.241, 297.500
Yxy	3.2389, 0.1622, 0.1038
Android (android.graphics.Color)	4278200454 (0xFF002886)
YUV	38.7560, 46.9553, -33.9890
Hunter-Lab	17.9967, 18.7118, -62.8877

Details

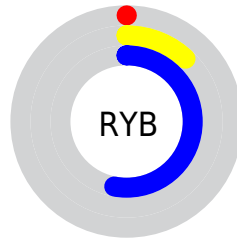
The HunterLab color **17.9967, 18.7118, -62.8877** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **36.1625, 5.0112, 22.3700**, and the grayscale version is **14.0329, -0.7488, 0.7624**.

A 20% lighter version of the original color is **34.4633, 21.1044, -60.2450**, and **7.9027, 21.4362, -56.1523** is the 20% darker color. If you saturate the color by 10%, you get **17.9941, 18.7191, -62.9002**, and if you desaturate by 10%, it is **20.1004, 14.4696, -53.8891**.

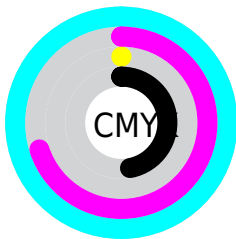
Distribution



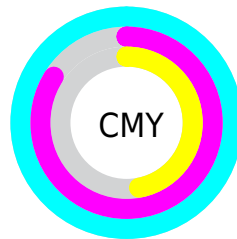
- Red (0%)
- Green (16%)
- Blue (53%)



- Red (0%)
- Yellow (12%)
- Blue (53%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9967, 18.7118, -62.8877 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 17.9967, 18.7118, -62.8877 by changing the saturation by 10% instead.

■ 17.9967, 18.7118,
-62.8877

■ 17.9967, 18.7118,
-62.8877

■ 114.5240, 26.1265,
-64.9901

■ 11.2146, 17.2832,
-67.8806

■ 34.4234, 21.1574,
-60.5952

■ 3.2874, 37.9185,
-145.6852

■ 43.8726, 22.1728,
-60.7509

0.0000, NaN, -NF

■ 54.0565, 23.0681,
-61.2353

0.0000, NaN, -NF

■ 64.9252, 23.8561,
-61.8924

0.0000, NaN, -NF

■ 76.4382, 24.5475,
-62.6369

0.0000, NaN, NaN

■ 88.5612, 25.1515,

0.0000, NaN, NaN

0.0000, NaN, NaN

-63.4194

0.0000, NaN, NaN

101.2650, 25.6756,
-64.2100

17.9967, 18.7118,
-62.8877

17.9967, 18.7118,
-62.8877

17.9941, 18.7191,
-62.9002

20.1004, 14.4696,
-53.8891

22.4930, 10.6651,
-45.4048

25.1706, 7.4797,
-37.4863

28.0851, 4.8768,
-30.2228

31.1970, 2.7811,
-23.5924

■ 34.4750, 1.1118,
-17.5261

■ 37.8946, -0.2050,
-11.9416

■ 41.4368, -1.2314,
-6.7604

■ 45.0863, -2.0181,
-1.9131

Harmonies

Analogous

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



17.9968, -2.4953, -76.9547



17.9967, 18.7118, -62.8877



17.9968, 40.2350, -28.5718

Triad

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



17.9968, 18.7132, -62.8873



17.9968, 22.5737, 12.5978



17.9968, -24.6585, 2.4018

Complementary

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



17.9967, 18.7118, -62.8877



36.1625, 5.0112, 22.3700

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.



17.9968, -22.2847, 11.9704



17.9967, 18.7118, -62.8877



17.9968, 0.6260, 12.5978

Square

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



17.9968, 18.7132, -62.8873



17.9968, 43.0283, 10.8872



17.9968, -14.6790, 12.5978



17.9968, -22.9689, -22.8800

Rectangle

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



17.9967, 18.7118, -62.8877



17.9968, 48.9690, -8.0516



17.9968, -14.6790, 12.5978



17.9968, -24.3156, 6.8981

Sweetspot

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



17.9968, 18.7132, -62.8873



49.9888, -0.1673, -16.3324



42.2552, -29.4348, 10.7275



22.9503, 0.1985, -8.9831



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



17.9968, 18.7132, -62.8873



23.3789, 26.2614, -85.9125



13.9719, 36.2389, -86.4663



21.8047, -0.9972, -0.7231



17.4684, 17.9865, -60.6616



1.4868, 0.0668, -2.0027

Inverse Universe

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



22.8516, 39.7999, 9.5695



30.2911, 52.6854, 13.2878



44.9319, -20.5774, 27.3259



21.7023, 0.8882, 1.0754



22.1246, 38.5454, 9.2088



1.3462, 2.4293, -0.0903

Previews

White Background



This preview shows how the HunterLab color 17.9967, 18.7118, -62.8877 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 17.9967, 18.7118, -62.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

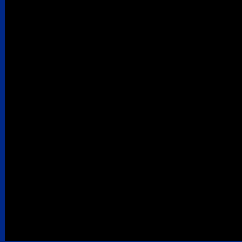
Any Text WCAG AA × Fail

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 17.9967, 18.7118, -62.8877 Background



This preview shows how black text looks on a background with the HunterLab color 17.9967, 18.7118, -62.8877.



This preview shows how white text looks on a background with the HunterLab color 17.9967, 18.7118, -62.8877.

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

17.9967, 18.7118, -62.8877

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.9967, 18.7118, -62.8877

Protanomaly

17.9303, 9.7310, -43.4177

Deuteranomaly

17.7026, 5.3883, -33.7584

Tritanomaly

17.4808, -0.9367, -19.8274

Monochromacy



Original Color

17.9967, 18.7118, -62.8877

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6701, 3.0727, -17.0900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9967, 18.7118, -62.8877 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, 40, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 134)  
}
```

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, 40, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9967, 18.7118, -62.8877 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, 40, 134) }
```


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

```
.border{ border-color:rgb(0, 40, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 40, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 134)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9967, 18.7118, -62.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 134) }
```

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

```
.background{ background-color: rgb(0, 40,  
134) }
```

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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