

Converting Colors

HunterLab(17.9562, -12.1416,
-17.4757)

Have a look what the booklet for
HunterLab(17.9562, -12.1416,
-17.4757) contains.

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Color

**HunterLab(19.7170, -5.0319,
-13.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	003C55
RGB	0, 60, 85
RGB Percent	0%, 24%, 33%
CMY	1.0000, 0.7647, 0.6667
CMYK	1.00, 0.29, 0.00, 0.67
HSL	198°, 100%, 17%
HSV	198°, 100%, 33%
XYZ	3.2556, 3.8876, 9.1731
YIQ	44.9100, -43.7850, -4.9450

Conversions

Conversions Part 2

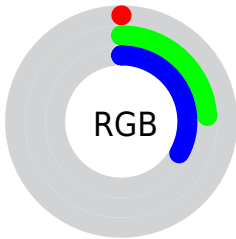
Format	Color
R_{YB}	0, 35, 85
Decimal	15445
CIE Lab	23.30, -7.00, -19.92
CIE LCh	23, 21.118, 250.641
Yxy	3.8877, 0.1995, 0.2383
Android (android.graphics.Color)	4278205525 (0xFF003C55)
YUV	44.9100, 19.7644, -39.3861
Hunter-Lab	19.7170, -5.0319, -13.7822

Details

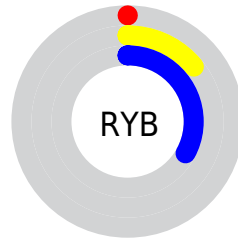
The HunterLab color **19.7170, -5.0319, -13.7822** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2076, 16.7272, 10.2792**, and the grayscale version is **16.1177, -0.8600, 0.8757**.

A 20% lighter version of the original color is **36.4985, -6.7463, -14.8630**, and **7.6538, 0.5826, -10.8244** is the 20% darker color. If you saturate the color by 10%, you get **19.7167, -5.0313, -13.7830**, and if you desaturate by 10%, it is **20.5201, -5.4978, -12.2842**.

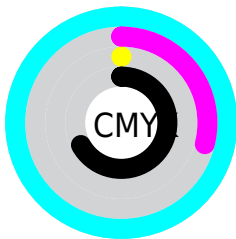
Distribution



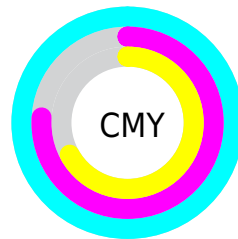
- Red (0%)
- Green (24%)
- Blue (33%)



- Red (0%)
- Yellow (14%)
- Blue (33%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7170, -5.0319, -13.7822 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 19.7170, -5.0319, -13.7822 by changing the saturation by 10% instead.

■ 19.7170, -5.0319,
-13.7822

■ 19.7170, -5.0319,
-13.7822

■ 117.6778,
-13.7146, -15.8380

■ 12.6924, -4.0643,
-13.3321

■ 36.5476, -6.9087,
-14.6674

■ 6.0413, -5.3719,
-15.8763

■ 46.1724, -7.8458,
-15.0234

0.0000, NaN, -NF

■ 56.5192, -8.7907,
-15.3125

0.0000, NaN, NaN

■ 67.5409, -9.7467,
-15.5361

0.0000, NaN, NaN

■ 79.1983, -10.7159,
-15.6970

0.0000, NaN, NaN

■ 91.4585, -11.6997,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.7988

0.0000, NaN, NaN

104.2932,
-12.6991, -15.8448

19.7170, -5.0319,
-13.7822

19.7170, -5.0319,
-13.7822

19.7167, -5.0313,
-13.7830

20.5201, -5.4978,
-12.2842

21.3444, -5.8971,
-10.8243

22.2334, -6.0695,
-9.3250

23.1874, -6.0145,
-7.7931

24.2048, -5.7412,
-6.2378

■ 25.2829, -5.2628,
-4.6674

■ 26.4188, -4.5945,
-3.0892

■ 27.6092, -3.7520,
-1.5093

■ 28.8511, -2.7512,
0.0679

Harmonies

Analogous

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



19.7173, -9.6774, -8.3590



19.7170, -5.0319, -13.7822



19.7173, 1.3108, -14.5735

Triad

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



19.7173, -5.0317, -13.7818



19.7173, 12.8119, 3.1469



19.7173, -8.5585, 8.1372

Complementary

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



19.7170, -5.0319, -13.7822



16.2076, 16.7272, 10.2792

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.



19.7173, -3.3106, 9.5535



19.7170, -5.0319, -13.7822



19.7173, 9.3676, 7.3581

Square

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



19.7173, -5.0317, -13.7818



19.7173, 12.1943, -3.2939



19.7173, 3.2683, 9.3241



19.7173, -11.5235, 4.6252

Rectangle

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



19.7170, -5.0319, -13.7822



19.7173, 5.7374, -12.1589



19.7173, 3.2683, 9.3241



19.7173, -7.0332, 8.8130

Sweetspot

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



19.7173, -5.0317, -13.7818



34.3442, -6.0963, -4.2387



25.6192, -21.0440, 13.4070



17.1893, -3.2076, -2.4133



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.7173, -5.0317, -13.7818



25.4594, -6.1520, -18.5416



10.4992, 13.2996, -41.8310



15.0661, -1.3622, 0.1326



24.8542, -6.0346, -18.0386



57.5334, -12.2591, -45.4479

Inverse Universe

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



15.0257, 27.9008, -7.1219



19.5807, 36.2978, -8.7828



24.2827, -0.3815, 14.9557



14.6319, 0.6994, 0.1237



19.1003, 35.4126, -8.6083



45.0916, 83.2935, -17.9377

Previews

White Background



This preview shows how the HunterLab color 19.7170, -5.0319, -13.7822 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

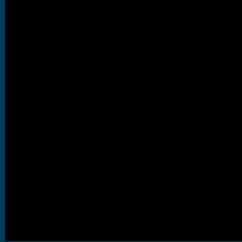
Any Text WCAG AA × Fail

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 19.7170, -5.0319, -13.7822 Background



This preview shows how black text looks on a background with the HunterLab color 19.7170, -5.0319, -13.7822.



This preview shows how white text looks on a background with the HunterLab color 19.7170, -5.0319, -13.7822.

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

19.7170, -5.0319, -13.7822

Protanopia

19.8868, 1.7326, -10.9243

Deuteranopia

19.9290, 1.0261, -13.8946



Tritanopia

19.6227, -9.4537, -4.1189

Trichromacy



Original Color

19.7170, -5.0319, -13.7822

Protanomaly

19.5621, -1.8298, -12.1722

Deuteranomaly

19.5391, -1.5901, -14.7034

Tritanomaly

19.5752, -7.7690, -7.6963

Monochromacy



Original Color

19.7170, -5.0319, -13.7822

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.9371, -3.6834, -4.5928

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7170, -5.0319, -13.7822 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, 60, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 85)  
}
```

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, 60, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7170, -5.0319, -13.7822 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, 60, 85) }
```


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

```
.border{ border-color:rgb(0, 60, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 85); box-shadow:4px  
4px 4px 4px rgb(0, 60, 85) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7170, -5.0319, -13.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 85) }
```

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

```
.background{ background-color: rgb(0, 60,  
85) }
```

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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