

Converting Colors

HunterLab(19.1202, -7.7668,
-13.6032)

Have a look what the booklet for
HunterLab(19.1202, -7.7668,
-13.6032) contains.

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Color

**HunterLab(19.6373, -5.4852,
-12.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	003C53
RGB	0, 60, 83
RGB Percent	0%, 24%, 33%
CMY	1.0000, 0.7647, 0.6745
CMYK	1.00, 0.28, 0.00, 0.67
HSL	197°, 100%, 16%
HSV	197°, 100%, 33%
XYZ	3.1772, 3.8562, 8.7605
YIQ	44.6820, -43.1430, -5.5670

Conversions

Conversions Part 2

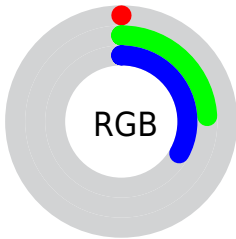
Format	Color
R_{YB}	0, 35, 83
Decimal	15443
CIE _{Lab}	23.19, -7.86, -18.77
CIE _{LCh}	23, 20.350, 247.287
Yxy	3.8564, 0.2012, 0.2442
Android (android.graphics.Color)	4278205523 (0xFF003C53)
YUV	44.6820, 18.8908, -39.1861
Hunter-Lab	19.6373, -5.4852, -12.7040

Details

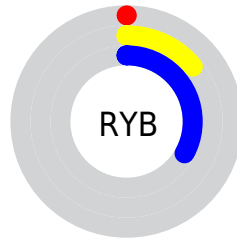
The HunterLab color **19.6373, -5.4852, -12.7040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.6591, 16.7554, 9.9417**, and the grayscale version is **16.0452, -0.8561, 0.8718**.

A 20% lighter version of the original color is **36.3772, -7.3386, -13.8803**, and **7.5667, 0.1140, -9.7038** is the 20% darker color. If you saturate the color by 10%, you get **19.6371, -5.4847, -12.7047**, and if you desaturate by 10%, it is **20.3867, -5.8694, -11.3408**.

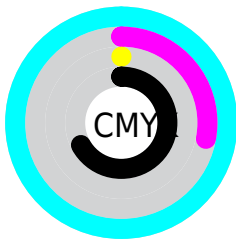
Distribution



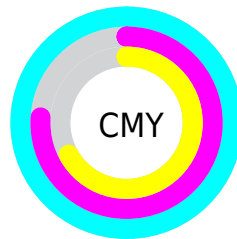
- Red (0%)
- Green (24%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6373, -5.4852, -12.7040 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 19.6373, -5.4852, -12.7040 by changing the saturation by 10% instead.

■ 19.6373, -5.4852,
-12.7040

■ 19.6373, -5.4852,
-12.7040

■ 117.5331,
-14.5999, -14.4474

■ 12.6236, -4.4412,
-12.2552

■ 36.4497, -7.4861,
-13.5353

■ 5.9434, -6.0781,
-14.7756

■ 46.0665, -8.4764,
-13.8560

0.0000, NaN, -NF

■ 56.4060, -9.4703,
-14.1081

0.0000, NaN, NaN

■ 67.4207, -10.4721,
-14.2939

0.0000, NaN, NaN

■ 79.0715, -11.4844,
-14.4172

0.0000, NaN, NaN

■ 91.3255, -12.5090,

0.0000, NaN, NaN

-14.4816

0.0000, NaN, NaN

104.1543,
-13.5472, -14.4906

19.6373, -5.4852,
-12.7040

19.6373, -5.4852,
-12.7040

19.6371, -5.4847,
-12.7047

20.3867, -5.8694,
-11.3408

21.1543, -6.1960,
-10.0100

21.9831, -6.3059,
-8.6364

22.8743, -6.1963,
-7.2255

23.8264, -5.8754,
-5.7856

■ 24.8371, -5.3550,
-4.3249

■ 25.9040, -4.6491,
-2.8506

■ 27.0241, -3.7728,
-1.3687

■ 28.1944, -2.7410,
0.1158

Harmonies

Analogous

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



19.6376, -9.7396, -7.2128



19.6373, -5.4852, -12.7040



19.6376, 0.5018, -14.0243

Triad

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



19.6376, -5.4850, -12.7036



19.6376, 12.3784, 2.4669



19.6376, -7.8237, 8.1726

Complementary

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



19.6373, -5.4852, -12.7040



15.6591, 16.7554, 9.9417

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.



19.6376, -2.5529, 9.3742



19.6373, -5.4852, -12.7040



19.6376, 9.4782, 6.8188

Square

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



19.6376, -5.4850, -12.7036



19.6376, 11.3378, -3.8878



19.6376, 3.8198, 8.9711



19.6376, -10.9671, 4.9971

Rectangle

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



19.6373, -5.4852, -12.7040



19.6376, 4.7815, -12.0778



19.6376, 3.8198, 8.9711



19.6376, -6.2696, 8.7668

Sweetspot

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



19.6376, -5.4850, -12.7036



33.6606, -6.1713, -3.9161



24.9901, -20.5935, 13.2208



16.5462, -3.1783, -2.1681



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



19.6376, -5.4850, -12.7036



25.3582, -6.7703, -17.0803



10.5024, 12.2247, -39.5145



14.2907, -1.3092, 0.1551



24.7415, -6.6324, -16.6073



58.0858, -13.9828, -42.4173

Inverse Universe

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



14.7153, 27.4151, -7.6773



19.1671, 35.6507, -9.5252



23.3769, 0.1724, 14.4073



13.8710, 0.6493, 0.1034



18.6869, 34.7628, -9.3266



44.7010, 82.8548, -19.9752

Previews

White Background



This preview shows how the HunterLab color 19.6373, -5.4852, -12.7040 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 19.6373, -5.4852, -12.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

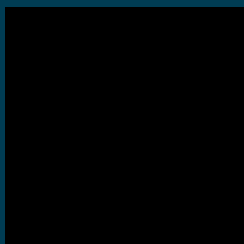
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

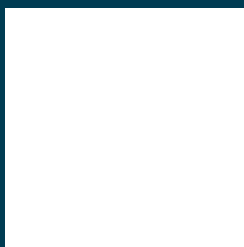
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.6373, -5.4852, -12.7040 Background



This preview shows how black text looks on a background with the HunterLab color 19.6373, -5.4852, -12.7040.



This preview shows how white text looks on a background with the HunterLab color 19.6373, -5.4852, -12.7040.

-12.7040.

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

19.6373, -5.4852, -12.7040

Protanopia

19.8123, 1.3343, -9.9050

Deuteranopia

19.9550, 0.9546, -12.6079



Tritanopia

19.6227, -9.4537, -4.1189

Trichromacy



Original Color

19.6373, -5.4852, -12.7040

Protanomaly

19.4852, -2.2548, -11.1259

Deuteranomaly

19.4919, -1.9186, -13.5356

Tritanomaly

19.5410, -7.9682, -7.2235

Monochromacy



Original Color

19.6373, -5.4852, -12.7040

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.9062, -3.8583, -4.1609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6373, -5.4852, -12.7040 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6373, -5.4852, -12.7040 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, 83) }
```


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

```
.border{ border-color:rgb(0, 60, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 83); box-shadow:4px  
4px 4px 4px rgb(0, 60, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6373, -5.4852, -12.7040 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, 83) }
```

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

```
.background{ background-color: rgb(0, 60,  
83) }
```

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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