

Converting Colors

HunterLab(18.3149, -0.1742,
-20.1717)

Have a look what the booklet for
HunterLab(18.3149, -0.1742,
-20.1717) contains.

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Color

**HunterLab(18.3373, -0.2573,
-19.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	0C355A
RGB	12, 53, 90
RGB Percent	5%, 21%, 35%
CMY	0.9529, 0.7922, 0.6471
CMYK	0.87, 0.41, 0.00, 0.65
HSL	208°, 76%, 20%
HSV	208°, 87%, 35%
XYZ	3.2702, 3.3626, 10.1496
YIQ	44.9590, -36.3130, 2.8150

Conversions

Conversions Part 2

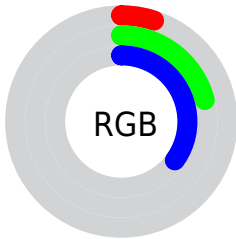
Format	Color
R_{YB}	12, 39, 90
Decimal	800090
CIE Lab	21.44, 1.24, -26.13
CIE LCh	21, 26.158, 272.716
Yxy	3.3627, 0.1949, 0.2004
Android (android.graphics.Color)	4278990170 (0xFF0C355A)
YUV	44.9590, 22.2052, -28.9050
Hunter-Lab	18.3373, -0.2573, -19.9805

Details

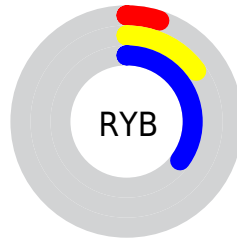
The HunterLab color **18.3373, -0.2573, -19.9805** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.9702, 9.1102, 12.0971**, and the grayscale version is **16.1243, -0.8604, 0.8761**.

A 20% lighter version of the original color is **34.7597, -1.0051, -20.9192**, and **5.7776, 6.2822, -20.7830** is the 20% darker color. If you saturate the color by 10%, you get **17.1225, 0.9999, -22.9263**, and if you desaturate by 10%, it is **19.6233, -1.3083, -17.1570**.

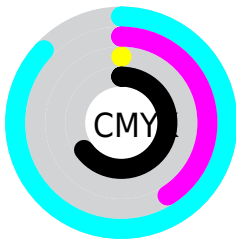
Distribution



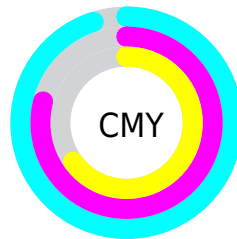
- Red (5%)
- Green (21%)
- Blue (35%)



- Red (5%)
- Yellow (15%)
- Blue (35%)



- Cyan (87%)
- Magenta (41%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3373, -0.2573, -19.9805 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 18.3373, -0.2573, -19.9805 by changing the saturation by 10% instead.

■ 18.3373, -0.2573,
-19.9805

■ 18.3373, -0.2573,
-19.9805

■ 115.1540, -4.8248,
-23.5311

■ 11.5060, 0.0057,
-19.7275

■ 34.8459, -0.9687,
-21.0187

■ 3.9947, 1.1389,
-33.0616

■ 44.3306, -1.4014,
-21.5395

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.5473, -1.8785,
-22.0139

0.0000, NaN, NaN

■ 65.4469, -2.3964,
-22.4326

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.9890, -2.9521,
-22.7928

0.0000, NaN, NaN

■ 89.1396, -3.5433,

-23.0949

0.0000, NaN, NaN

101.8697, -4.1681,
-23.3403

18.3373, -0.2573,
-19.9805

18.3373, -0.2573,
-19.9805

17.1225, 0.9999,
-22.9263

19.6233, -1.3083,
-17.1570

16.7202, 1.4239,
-23.9727

20.9994, -2.0778,
-14.4075

22.4586, -2.5863,
-11.7428

23.9937, -2.8584,
-9.1678

25.5979, -2.9194,
-6.6824

■ 27.2649, -2.7936,
-4.2831

■ 28.9892, -2.5032,
-1.9644

■ 30.7657, -2.0678,
0.2803

■ 32.5901, -1.5047,
2.4579

Harmonies

Analogous

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



18.3376, -7.4117, -16.9509



18.3373, -0.2573, -19.9805



18.3376, 7.9342, -15.7069

Triad

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



18.3376, -0.2570, -19.9801



18.3376, 13.5635, 7.1971



18.3376, -12.5807, 6.4455

Complementary

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



18.3373, -0.2573, -19.9805



20.9702, 9.1102, 12.0971

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.



18.3376, -8.4605, 9.4473



18.3373, -0.2573, -19.9805



18.3376, 6.4833, 9.7350

Square

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



18.3376, -0.2570, -19.9801



18.3376, 16.7103, 1.6671



18.3376, -1.6909, 10.3862



18.3376, -13.7761, 0.3030

Rectangle

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



18.3373, -0.2573, -19.9805



18.3376, 12.6763, -10.0343



18.3376, -1.6909, 10.3862



18.3376, -11.5305, 7.7509

Sweetspot

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



18.3376, -0.2570, -19.9801



36.0211, -3.7001, -5.7224



27.5815, -20.1168, 10.5379



17.4815, -1.8449, -3.1327



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.3376, -0.2570, -19.9801



21.6773, 2.6800, -32.8800



10.7101, 17.2992, -46.6461



15.6686, -1.1220, -0.1065



20.2666, 2.3184, -30.3362



45.4984, 9.0304, -76.3630

Inverse Universe

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



16.4130, 25.5537, -1.6064



20.3635, 36.5624, 0.0636



30.1359, -6.9893, 17.7624



15.3808, 0.6502, 0.4085



18.9588, 34.0591, -0.0871



44.1611, 78.9595, 2.7040

Previews

White Background



This preview shows how the HunterLab color 18.3373, -0.2573, -19.9805 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 18.3373, -0.2573, -19.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

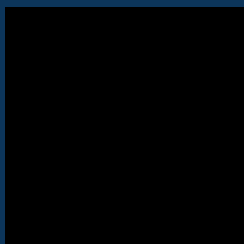
Any Text WCAG AA × Fail

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 18.3373, -0.2573, -19.9805 Background



This preview shows how black text looks on a background with the HunterLab color 18.3373, -0.2573, -19.9805.



This preview shows how white text looks on a background with the HunterLab color 18.3373, -0.2573, -19.9805.

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

18.3373, -0.2573, -19.9805

Protanopia

18.3326, 3.2584, -18.5056

Deuteranopia

18.2836, 0.8260, -20.0865



Tritanopia

18.0944, -8.6538, -3.9352

Trichromacy



Original Color

18.3373, -0.2573, -19.9805

Protanomaly

18.2262, 1.7844, -19.4827

Deuteranomaly

18.2026, 0.5516, -20.2807

Tritanomaly

18.2265, -6.1009, -8.8193

Monochromacy



Original Color

18.3373, -0.2573, -19.9805

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.6558, -2.0717, -5.4888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3373, -0.2573, -19.9805 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(12, 53, 90)` looks like.

```
.text, #text, p{  
    color:rgb(12, 53, 90)  
}
```

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(12, 53, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 53, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3373, -0.2573, -19.9805 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(12, 53, 90) }
```


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

```
.border{ border-color:rgb(12, 53, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 53, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 53, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 53, 90);  
box-shadow:4px 4px 4px 4px rgb(12, 53, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3373, -0.2573, -19.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 53, 90) }
```

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

```
.background{ background-color: rgb(12, 53,  
90) }
```

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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