

Converting Colors

HunterLab(17.0297, -0.6326,
-17.2681)

Have a look what the booklet for
HunterLab(17.0297, -0.6326,
-17.2681) contains.

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Color

**HunterLab(16.9823, -0.5730,
-17.4153)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3152
RGB	12, 49, 82
RGB Percent	5%, 19%, 32%
CMY	0.9529, 0.8078, 0.6784
CMYK	0.85, 0.40, 0.00, 0.68
HSL	208°, 74%, 18%
HSV	208°, 85%, 32%
XYZ	2.7729, 2.8840, 8.3932
YIQ	41.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

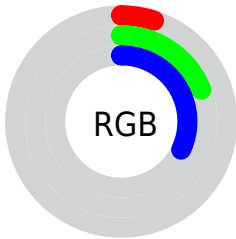
Format	Color
R_{YB}	12, 36, 82
Decimal	799058
CIE Lab	19.57, 0.59, -23.78
CIE LCh	20, 23.791, 271.423
Yxy	2.8841, 0.1974, 0.2053
Android (android.graphics.Color)	4278989138 (0xFF0C3152)
YUV	41.6990, 19.8684, -26.0460
Hunter-Lab	16.9823, -0.5730, -17.4153

Details

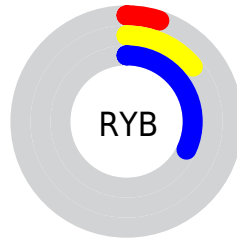
The HunterLab color **16.9823, -0.5730, -17.4153** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.2291, 7.9795, 10.9156**, and the grayscale version is **15.0638, -0.8038, 0.8184**.

A 20% lighter version of the original color is **33.2320, -1.3713, -18.4937**, and **4.2070, 7.7272, -21.9392** is the 20% darker color. If you saturate the color by 10%, you get **15.8771, 0.4809, -20.0181**, and if you desaturate by 10%, it is **18.1498, -1.4441, -14.9186**.

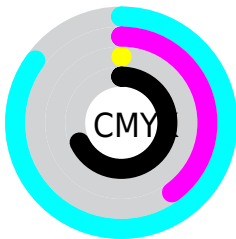
Distribution



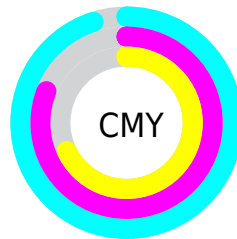
- Red (5%)
- Green (19%)
- Blue (32%)



- Red (5%)
- Yellow (14%)
- Blue (32%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9823, -0.5730, -17.4153 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 16.9823, -0.5730, -17.4153 by changing the saturation by 10% instead.

■ 16.9823, -0.5730,
-17.4153

■ 16.9823, -0.5730,
-17.4153

■ 112.6316, -5.3894,
-20.5608

■ 10.3514, -0.2690,
-17.1325

■ 33.1600, -1.3538,
-18.4207

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 42.5017, -1.8170,
-18.9010

0.0000, NaN, NaN

■ 52.5857, -2.3224,
-19.3271

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3610, -2.8668,
-19.6928

0.0000, NaN, NaN

■ 74.7859, -3.4477,
-19.9972

0.0000, NaN, NaN

■ 86.8252, -4.0629,

0.0000, NaN, NaN

-20.2417

■ 99.4490, -4.7107,
-20.4287

■ 16.9823, -0.5730,
-17.4153

■ 16.9823, -0.5730,
-17.4153

■ 15.8771, 0.4809,
-20.0181

■ 18.1498, -1.4441,
-14.9186

■ 15.3682, 0.9734,
-21.3102

■ 19.3951, -2.0703,
-12.4878

■ 20.7124, -2.4704,
-10.1311

■ 22.0955, -2.6660,
-7.8520

■ 23.5384, -2.6790,
-5.6500

■ 25.0360, -2.5301,
-3.5218

■ 26.5834, -2.2384,
-1.4627

■ 28.1765, -1.8205,
0.5328

■ 29.8114, -1.2913,
2.4708

Harmonies

Analogous

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



16.9826, -6.8580, -14.5293



16.9823, -0.5730, -17.4153



16.9826, 6.6660, -13.9640

Triad

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



16.9826, -0.5727, -17.4149



16.9826, 12.1199, 6.3214



16.9826, -11.1529, 5.9648

Complementary

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



16.9823, -0.5730, -17.4153



19.2291, 7.9795, 10.9156

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.



16.9826, -7.3489, 8.6060



16.9823, -0.5730, -17.4153



16.9826, 5.9962, 8.7502

Square

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



16.9826, -0.5727, -17.4149



16.9826, 14.6876, 1.2382



16.9826, -1.2388, 9.4559



16.9826, -12.3424, 0.6045

Rectangle

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



16.9823, -0.5730, -17.4153



16.9826, 10.9010, -9.1106



16.9826, -1.2388, 9.4559



16.9826, -10.1715, 7.1108

Sweetspot

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



16.9826, -0.5727, -17.4149



32.7677, -3.3870, -5.0866



25.0993, -18.0632, 9.3638



16.0841, -1.7041, -2.7807



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.



16.9826, -0.5727, -17.4149



19.8775, 2.0581, -29.2879



10.0532, 15.0120, -40.6216



14.1060, -1.0075, -0.0664



19.4106, 1.9440, -28.4581



44.6181, 8.3796, -73.8578

Inverse Universe

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



15.0953, 22.8412, -1.7116



18.5027, 33.2618, -0.2561



27.4028, -6.3278, 16.0217



13.8519, 0.5465, 0.3751



18.0400, 32.4368, -0.3024



43.1108, 77.1252, 2.3021

Previews

White Background



This preview shows how the HunterLab color 16.9823, -0.5730, -17.4153 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

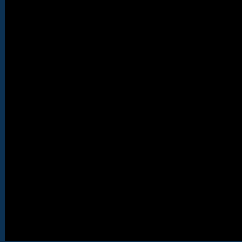
Any Text WCAG AA × Fail

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 16.9823, -0.5730, -17.4153 Background



This preview shows how black text looks on a background with the HunterLab color 16.9823, -0.5730, -17.4153.



This preview shows how white text looks on a background with the HunterLab color 16.9823, -0.5730, -17.4153.

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

16.9823, -0.5730, -17.4153

Protanopia

17.1823, 2.3869, -15.5590

Deuteranopia

16.9780, 0.6644, -17.4033



Tritanopia

16.8571, -8.1988, -3.3710

Trichromacy



Original Color

16.9823, -0.5730, -17.4153

Protanomaly

17.1102, 1.0220, -16.4138

Deuteranomaly

16.8870, 0.3553, -17.6151

Tritanomaly

16.9562, -5.8671, -7.6770

Monochromacy



Original Color

16.9823, -0.5730, -17.4153

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.6955, -1.9698, -4.9854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9823, -0.5730, -17.4153 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, 49, 82)` looks like.

```
.text, #text, p{  
    color:rgb(12, 49, 82)  
}
```

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, 49, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 49, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9823, -0.5730, -17.4153 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, 49, 82) }
```


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

```
.border{ border-color:rgb(12, 49, 82) }
```

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

Here you see how a box with a 4 pixel rgb(12, 49, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 49, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 49, 82);  
box-shadow:4px 4px 4px 4px rgb(12, 49, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9823, -0.5730, -17.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 49, 82) }
```

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

```
.background{ background-color: rgb(12, 49,  
82) }
```

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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