

Converting Colors

HunterLab(15.9678, -10.1068,
-35.7419)

Have a look what the booklet for
HunterLab(15.9678, -10.1068,
-35.7419) contains.

HunterLab(19.1624, 1.0730, -26.2676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.1624, 1.0730,
-26.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	003765
RGB	0, 55, 101
RGB Percent	0%, 22%, 40%
CMY	1.0000, 0.7843, 0.6039
CMYK	1.00, 0.46, 0.00, 0.60
HSL	207°, 100%, 20%
HSV	207°, 100%, 40%
XYZ	3.7152, 3.6720, 12.8249
YIQ	43.7990, -47.5460, 2.6460

Conversions

Conversions Part 2

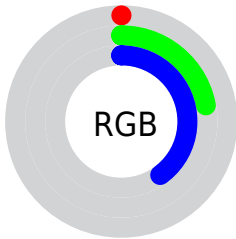
Format	Color
RYB	0, 36, 101
Decimal	14181
CIELab	22.56, 3.50, -31.56
CIELCh	23, 31.755, 276.326
Yxy	3.6721, 0.1838, 0.1817
Android (android.graphics.Color)	4278204261 (0xFF003765)
YUV	43.7990, 28.2001, -38.4117
Hunter-Lab	19.1624, 1.0730, -26.2676

Details

The HunterLab color **19.1624, 1.0730, -26.2676** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.7291, 14.0915, 13.6353**, and the grayscale version is **15.7272, -0.8392, 0.8545**.

A 20% lighter version of the original color is **35.7817, 0.7623, -27.1604**, and **7.1112, 7.2733, -24.5893** is the 20% darker color. If you saturate the color by 10%, you get **19.1614, 1.0749, -26.2705**, and if you desaturate by 10%, it is **20.4815, -0.3667, -23.0269**.

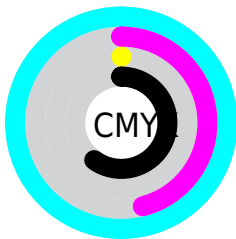
Distribution



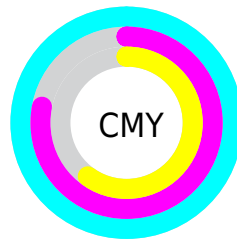
- Red (0%)
- Green (22%)
- Blue (40%)



- Red (0%)
- Yellow (14%)
- Blue (40%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1624, 1.0730, -26.2676 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 19.1624, 1.0730, -26.2676 by changing the saturation by 10% instead.

■ 19.1624, 1.0730,
-26.2676

■ 19.1624, 1.0730,
-26.2676

■ 116.6684, -2.4581,
-30.6231

■ 12.2142, 1.1655,
-26.2974

■ 35.8652, 0.6502,
-27.2583

■ 5.3198, 2.5819,
-35.2182

■ 45.4343, 0.3440,
-27.8550

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.7294, -0.0151,
-28.4338

0.0000, NaN, NaN

■ 66.7025, -0.4220,
-28.9737

0.0000, NaN, NaN

■ 78.3140, -0.8727,
-29.4652

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5306, -1.3639,

-29.9043

0.0000, NaN, NaN

103.3237, -1.8931,
-30.2901

19.1624, 1.0730,
-26.2676

19.1624, 1.0730,
-26.2676

19.1614, 1.0749,
-26.2705

20.4815, -0.3667,
-23.0269

21.8634, -1.6313,
-19.9447

23.3500, -2.5674,
-16.9194

24.9341, -3.1932,
-13.9680

26.6081, -3.5342,
-11.1006

■ 28.3643, -3.6189,
-8.3213

■ 30.1955, -3.4752,
-5.6297

■ 32.0951, -3.1294,
-3.0222

■ 34.0573, -2.6054,
-0.4936

Harmonies

Analogous

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



19.1627, -7.9472, -23.3325



19.1624, 1.0730, -26.2676



19.1627, 11.3131, -19.4420

Triad

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



19.1627, 1.0735, -26.2671



19.1627, 16.4211, 8.8535



19.1627, -15.2789, 6.8835

Complementary

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



19.1624, 1.0730, -26.2676



21.7291, 14.0915, 13.6353

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.



19.1627, -10.8609, 10.5355



19.1624, 1.0730, -26.2676



19.1627, 7.0484, 11.2924

Square

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



19.1627, 1.0735, -26.2671



19.1627, 21.2399, 2.8955



19.1627, -3.0340, 11.8287



19.1627, -16.2514, -1.0149

Rectangle

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



19.1624, 1.0730, -26.2676



19.1627, 17.0828, -11.6201



19.1627, -3.0340, 11.8287



19.1627, -14.1973, 8.4991

Sweetspot

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



19.1627, 1.0735, -26.2671



39.3561, -4.5801, -7.6716



30.8229, -24.1948, 13.7049



19.1613, -2.3110, -4.3258



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



19.1627, 1.0735, -26.2671



24.6898, 2.1522, -35.5062



10.2445, 23.9600, -64.5239



17.2836, -1.2813, -0.1163



21.7486, 1.5745, -30.5829



47.8575, 6.8967, -74.7057

Inverse Universe

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



17.4436, 31.4507, -0.9862



22.8086, 41.0445, -0.6415



33.3520, -7.2793, 20.4234



16.9382, 0.7708, 0.4043



19.9525, 35.9391, -0.8261



45.3706, 81.3648, 0.8978

Previews

White Background



This preview shows how the HunterLab color 19.1624, 1.0730, -26.2676 looks on a white background.

Color Contrast Check

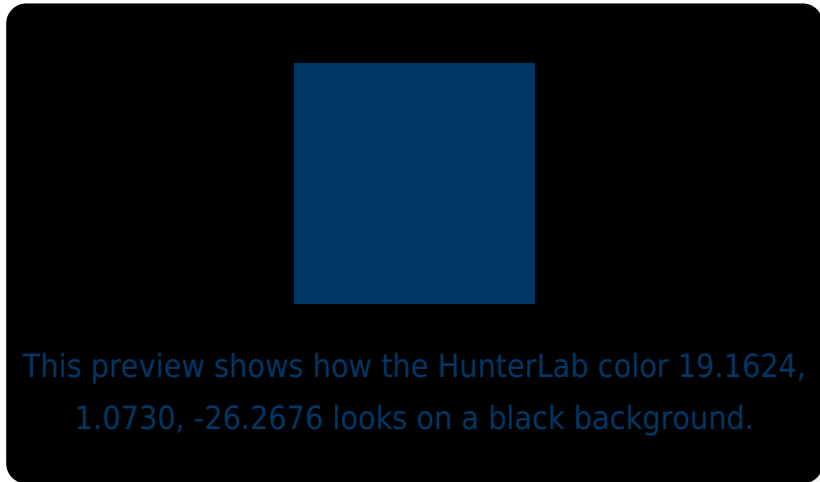
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1624, 1.0730, -26.2676 Background



This preview shows how black text looks on a background with the HunterLab color 19.1624, 1.0730, -26.2676.



This preview shows how white text looks on a background with the HunterLab color 19.1624, 1.0730, -26.2676.

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

19.1624, 1.0730, -26.2676

Protanopia

19.3756, 4.0570, -24.1117

Deuteranopia

19.2619, -0.1729, -23.7023



Tritanopia

19.2851, -9.4719, -3.6576

Trichromacy



Original Color

19.1624, 1.0730, -26.2676

Protanomaly

19.2540, 2.5350, -25.2180

Deuteranomaly

19.3111, 0.0945, -24.3413

Tritanomaly

19.1781, -6.2059, -10.5743

Monochromacy



Original Color

19.1624, 1.0730, -26.2676

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.5603, -2.1416, -7.7380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1624, 1.0730, -26.2676 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, 55, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 101)  
}
```

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, 55, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1624, 1.0730, -26.2676 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, 55, 101) }
```


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

```
.border{ border-color:rgb(0, 55, 101) }
```

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

Here you see how a box with a 4 pixel rgb(0, 55, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 101)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1624, 1.0730, -26.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 101) }
```

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

```
.background{ background-color: rgb(0, 55,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor