

Converting Colors

HunterLab(16.9331, -12.8604,
-29.4507)

Have a look what the booklet for
HunterLab(16.9331, -12.8604,
-29.4507) contains.

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Color

**HunterLab(19.9775, -1.7076,
-21.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	003B61
RGB	0, 59, 97
RGB Percent	0%, 23%, 38%
CMY	1.0000, 0.7686, 0.6196
CMYK	1.00, 0.39, 0.00, 0.62
HSL	204°, 100%, 19%
HSV	204°, 100%, 38%
XYZ	3.7216, 3.9910, 11.8835
YIQ	45.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

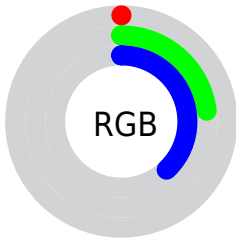
Format	Color
RYB	0, 37, 97
Decimal	15201
CIELab	23.64, -1.08, -27.23
CIELCh	24, 27.251, 267.723
Yxy	3.9911, 0.1899, 0.2037
Android (android.graphics.Color)	4278205281 (0xFF003B61)
YUV	45.6910, 25.2953, -40.0710
Hunter-Lab	19.9775, -1.7076, -21.2840

Details

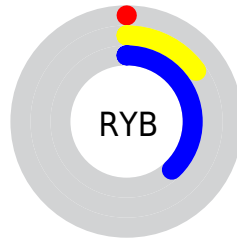
The HunterLab color **19.9775, -1.7076, -21.2840** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.8197, 15.9596, 12.4915**, and the grayscale version is **16.3584, -0.8728, 0.8888**.

A 20% lighter version of the original color is **36.8842, -2.8630, -22.3585**, and **7.9447, 3.5356, -17.5625** is the 20% darker color. If you saturate the color by 10%, you get **19.9768, -1.7063, -21.2859**, and if you desaturate by 10%, it is **21.1157, -2.7523, -18.7919**.

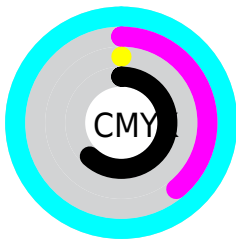
Distribution



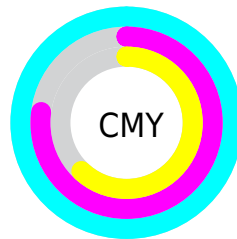
- Red (0%)
- Green (23%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9775, -1.7076, -21.2840 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 19.9775, -1.7076, -21.2840 by changing the saturation by 10% instead.

■ 19.9775, -1.7076,
-21.2840

■ 19.9775, -1.7076,
-21.2840

■ 118.1495, -7.4733,
-24.9780

■ 12.9174, -1.2423,
-20.9891

■ 36.8674, -2.7560,
-22.3489

■ 6.3498, -1.0821,
-24.5364

■ 46.5180, -3.3354,
-22.8821

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.8888, -3.9488,
-23.3708

0.0000, NaN, NaN

■ 67.9330, -4.5945,
-23.8054

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.6118, -5.2710,
-24.1829

0.0000, NaN, NaN

■ 91.8923, -5.9771,

-24.5032

0.0000, NaN, NaN

104.7464, -6.7115,
-24.7676

19.9775, -1.7076,
-21.2840

19.9775, -1.7076,
-21.2840

19.9768, -1.7063,
-21.2859

21.1157, -2.7523,
-18.7919

22.2996, -3.6613,
-16.3924

23.5725, -4.2771,
-13.9952

24.9304, -4.6105,
-11.6149

26.3685, -4.6801,
-9.2630

■ 27.8814, -4.5078,
-6.9479

■ 29.4637, -4.1164,
-4.6746

■ 31.1101, -3.5283,
-2.4455

■ 32.8157, -2.7644,
-0.2608

Harmonies

Analogous

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



19.9778, -9.0104, -16.8462



19.9775, -1.7076, -21.2840



19.9778, 7.0506, -17.9550

Triad

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



19.9778, -1.7072, -21.2835



19.9778, 15.4102, 7.0151



19.9778, -13.0123, 7.6959

Complementary

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



19.9775, -1.7076, -21.2840



19.8197, 15.9596, 12.4915

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.



19.9778, -8.0652, 10.4905



19.9775, -1.7076, -21.2840



19.9778, 8.3514, 10.2276

Square

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



19.9778, -1.7072, -21.2835



19.9778, 17.8564, 0.4648



19.9778, -0.4187, 11.1767



19.9778, -14.8259, 1.6907

Rectangle

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



19.9775, -1.7076, -21.2840



19.9778, 12.4034, -12.3226



19.9778, -0.4187, 11.1767



19.9778, -11.7057, 8.9305

Sweetspot

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



19.9778, -1.7072, -21.2835



38.3888, -5.4452, -6.3802



29.4691, -23.6367, 14.1922



18.8259, -2.7979, -3.6074



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



19.9778, -1.7072, -21.2835



25.7833, -1.6253, -28.7183



10.5356, 20.2125, -56.7986



16.5568, -1.3389, -0.0100



23.1038, -1.6661, -25.2812



51.7362, -1.0745, -62.3462

Inverse Universe

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



16.9038, 30.8134, -3.5577



22.0861, 40.1855, -4.0406



30.2436, -4.3374, 18.5596



16.1650, 0.7568, 0.2832



19.6931, 35.8593, -3.8192



45.3228, 82.1811, -6.0959

Previews

White Background



This preview shows how the HunterLab color 19.9775, -1.7076, -21.2840 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 19.9775, -1.7076, -21.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

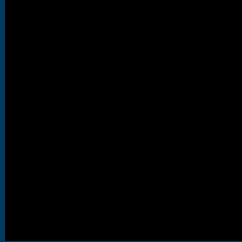
Any Text WCAG AA × Fail

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 19.9775, -1.7076, -21.2840 Background



This preview shows how black text looks on a background with the HunterLab color 19.9775, -1.7076, -21.2840.



This preview shows how white text looks on a background with the HunterLab color 19.9775, -1.7076, -21.2840.

-21.2840.

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

19.9775, -1.7076, -21.2840

Protanopia

20.2680, 2.8326, -18.4394

Deuteranopia

20.0223, 1.0383, -21.1331



Tritanopia

19.9308, -9.6150, -4.1557

Trichromacy



Original Color

19.9775, -1.7076, -21.2840

Protanomaly

19.9301, 0.5417, -19.9173

Deuteranomaly

20.0209, -0.2484, -21.1590

Tritanomaly

20.0244, -7.1066, -9.6876

Monochromacy



Original Color

19.9775, -1.7076, -21.2840

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.3508, -3.1566, -6.4529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9775, -1.7076, -21.2840 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, 59, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 97)  
}
```

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, 59, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9775, -1.7076, -21.2840 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, 59, 97) }
```


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

```
.border{ border-color:rgb(0, 59, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 97); box-shadow:4px  
4px 4px 4px rgb(0, 59, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9775, -1.7076, -21.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 97) }
```

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

```
.background{ background-color: rgb(0, 59,  
97) }
```

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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