

Converting Colors

HunterLab(19.1835, 7.8398,
-40.9015)

Have a look what the booklet for
HunterLab(19.1835, 7.8398,
-40.9015) contains.

HunterLab(19.1720, 7.9162, -41.0522)	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(19.1720, 7.9162,
-41.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	003376
RGB	0, 51, 118
RGB Percent	0%, 20%, 46%
CMY	0.9999, 0.8000, 0.5373
CMYK	1.00, 0.57, 0.00, 0.54
HSL	214°, 100%, 23%
HSV	214°, 100%, 46%
XYZ	4.4538, 3.6757, 17.6142
YIQ	43.3890, -51.9030, 10.0250

Conversions

Conversions Part 2

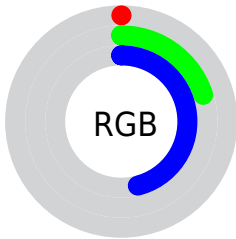
Format	Color
RYB	0, 36, 118
Decimal	13174
CIELab	22.57, 14.02, -42.48
CIELCh	23, 44.731, 288.262
Yxy	3.6757, 0.1730, 0.1428
Android (android.graphics.Color)	4278203254 (0xFF003376)
YUV	43.3890, 36.7832, -38.0522
Hunter-Lab	19.1720, 7.9162, -41.0522

Details

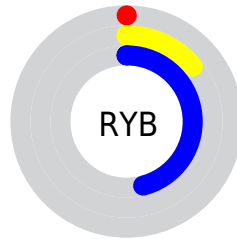
The HunterLab color **19.1720, 7.9162, -41.0522** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28.0491, 11.2386, 17.4797**, and the grayscale version is **15.5669, -0.8306, 0.8458**.

A 20% lighter version of the original color is **35.9799, 8.7204, -41.1658**, and **7.4828, 14.0829, -39.7538** is the 20% darker color. If you saturate the color by 10%, you get **19.1703, 7.9201, -41.0583**, and if you desaturate by 10%, it is **20.9305, 5.3055, -35.5614**.

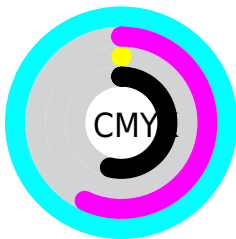
Distribution



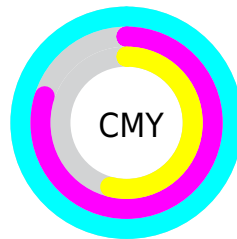
- Red (0%)
- Green (20%)
- Blue (46%)



- Red (0%)
- Yellow (14%)
- Blue (46%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1720, 7.9162, -41.0522 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 19.1720, 7.9162, -41.0522 by changing the saturation by 10% instead.

■ 19.1720, 7.9162,
-41.0522

■ 19.1720, 7.9162,
-41.0522

■ 116.6858, 9.1730,
-45.7815

■ 12.2225, 7.2651,
-42.4123

■ 35.8770, 8.7962,
-41.2940

■ 5.3331, 11.1683,
-58.8172

■ 45.4471, 9.0717,
-41.8751

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.7431, 9.2588,
-42.5432

0.0000, NaN, NaN

■ 66.7170, 9.3682,
-43.2359

0.0000, NaN, NaN

■ 78.3293, 9.4084,
-43.9205

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5467, 9.3858,

-44.5789

0.0000, NaN, NaN

103.3405, 9.3059,
-45.2010

19.1720, 7.9162,
-41.0522

19.1720, 7.9162,
-41.0522

19.1703, 7.9201,
-41.0583

20.9305, 5.3055,
-35.5614

22.8249, 3.0197,
-30.4045

24.8840, 1.1931,
-25.4836

27.0893, -0.2094,
-20.8247

29.4234, -1.2351,
-16.4284

■ 31.8713, -1.9327,
-12.2796

■ 34.4197, -2.3478,
-8.3558

■ 37.0577, -2.5204,
-4.6316

■ 39.7760, -2.4851,
-1.0820

Harmonies

Analogous

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



19.1722, -6.0782, -43.0517



19.1720, 7.9162, -41.0522



19.1722, 22.7651, -24.1409

Triad

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



19.1722, 7.9170, -41.0517



19.1722, 19.7728, 12.2241



19.1722, -20.5534, 5.4610

Complementary

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



19.1720, 7.9162, -41.0522



28.0491, 11.2386, 17.4797

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.



19.1722, -16.9458, 11.4457



19.1720, 7.9162, -41.0522



19.1722, 4.6149, 13.4206

Square

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



19.1722, 7.9170, -41.0517



19.1722, 30.8227, 7.3366



19.1722, -8.5776, 13.4206



19.1722, -20.1292, -8.5491

Rectangle

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



19.1720, 7.9162, -41.0522



19.1722, 29.9681, -10.7024



19.1722, -8.5776, 13.4206



19.1722, -19.8251, 8.1807

Sweetspot

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



19.1722, 7.9170, -41.0517



45.3805, -3.0834, -11.4650



36.5523, -27.3999, 13.4627



21.2213, -1.4058, -6.3070



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.1722, 7.9170, -41.0517



24.9199, 11.5794, -56.1443



11.6583, 31.1779, -79.4368



19.5603, -1.2075, -0.3663



19.8786, 8.3675, -42.9095



41.9751, 22.6559, -101.3728

Inverse Universe

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



20.2259, 35.8155, 3.9091



26.7713, 47.3211, 5.8697



40.3492, -13.4294, 24.6273



19.2995, 0.8498, 0.6795



21.0307, 37.2332, 4.1514



46.2472, 81.5404, 11.7395

Previews

White Background



This preview shows how the HunterLab color 19.1720, 7.9162, -41.0522 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 19.1720, 7.9162, -41.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

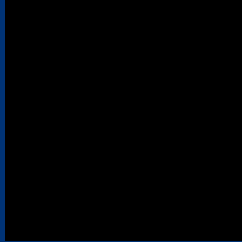
Any Text WCAG AA × Fail

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 19.1720, 7.9162, -41.0522 Background



This preview shows how black text looks on a background with the HunterLab color 19.1720, 7.9162, -41.0522.



This preview shows how white text looks on a background with the HunterLab color 19.1720, 7.9162,

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

19.1720, 7.9162, -41.0522

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.1647, -0.7019, -22.4390



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

19.1720, 7.9162, -41.0522

Protanomaly

19.1596, 6.2080, -37.3491

Deuteranomaly

19.0730, 2.3526, -28.9182

Tritanomaly

18.8848, -4.0933, -14.7681

Monochromacy



Original Color

19.1720, 7.9162, -41.0522

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2148, -0.4752, -11.2041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1720, 7.9162, -41.0522 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, 51, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 118)  
}
```

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, 51, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1720, 7.9162, -41.0522 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, 51, 118) }
```


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

```
.border{ border-color:rgb(0, 51, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1720, 7.9162, -41.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 118) }
```

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

```
.background{ background-color: rgb(0, 51,  
118) }
```

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