

Converting Colors

HunterLab(19.3443, 7.9403,
-41.3196)

Have a look what the booklet for
HunterLab(19.3443, 7.9403,
-41.3196) contains.

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Color

**HunterLab(19.4625, 7.7421,
-41.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	003477
RGB	0, 52, 119
RGB Percent	0%, 20%, 47%
CMY	0.9999, 0.7961, 0.5333
CMYK	1.00, 0.56, 0.00, 0.53
HSL	214°, 100%, 23%
HSV	214°, 100%, 47%
XYZ	4.5578, 3.7879, 17.9437
YIQ	44.0900, -52.4990, 9.8130

Conversions

Conversions Part 2

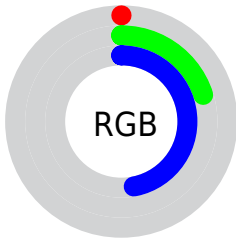
Format	Color
R_{YB}	0, 36, 119
Decimal	13431
CIE _{Lab}	22.96, 13.73, -42.48
CIE _{LCh}	23, 44.648, 287.915
Yxy	3.7880, 0.1734, 0.1441
Android (android.graphics.Color)	4278203511 (0xFF003477)
YUV	44.0900, 36.9306, -38.6669
Hunter-Lab	19.4625, 7.7421, -41.0393

Details

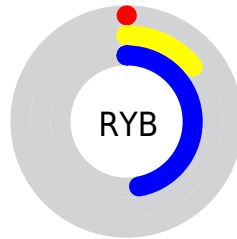
The HunterLab color **19.4625, 7.7421, -41.0393** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28.1746, 11.6160, 17.5635**, and the grayscale version is **15.7963, -0.8429, 0.8582**.

A 20% lighter version of the original color is **36.2902, 8.4925, -41.2553**, and **7.8477, 13.3866, -38.7068** is the 20% darker color. If you saturate the color by 10%, you get **19.4606, 7.7462, -41.0459**, and if you desaturate by 10%, it is **21.2290, 5.1332, -35.5725**.

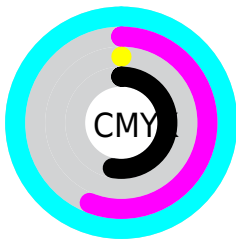
Distribution



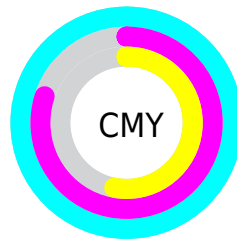
- Red (0%)
- Green (20%)
- Blue (47%)



- Red (0%)
- Yellow (14%)
- Blue (47%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (80%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4625, 7.7421, -41.0393 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 19.4625, 7.7421, -41.0393 by changing the saturation by 10% instead.

■ 19.4625, 7.7421,
-41.0393

■ 19.4625, 7.7421,
-41.0393

■ 117.2153, 8.8469,
-45.8105

■ 12.4727, 7.1156,
-42.3254

■ 36.2347, 8.5798,
-41.3208

■ 5.7223, 10.1525,
-55.8902

■ 45.8340, 8.8366,
-41.9070

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.1572, 9.0063,
-42.5769

0.0000, NaN, NaN

■ 67.1566, 9.0995,
-43.2699

0.0000, NaN, NaN

■ 78.7930, 9.1242,
-43.9538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.0333, 9.0871,

-44.6110

0.0000, NaN, NaN

103.8490, 8.9932,
-45.2317

19.4625, 7.7421,
-41.0393

19.4625, 7.7421,
-41.0393

19.4606, 7.7462,
-41.0459

21.2290, 5.1332,
-35.5725

23.1316, 2.8531,
-30.4309

25.1989, 1.0347,
-25.5188

27.4128, -0.3569,
-20.8627

29.7560, -1.3687,
-16.4639

■ 32.2135, -2.0494,
-12.3086

■ 34.7723, -2.4446,
-8.3750

■ 37.4213, -2.5944,
-4.6387

■ 40.1512, -2.5336,
-1.0754

Harmonies

Analogous

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



19.4627, -6.2527, -42.8152



19.4625, 7.7421, -41.0393



19.4627, 22.6185, -24.3261

Triad

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



19.4627, 7.7429, -41.0388



19.4627, 19.9464, 12.2508



19.4627, -20.6787, 5.6090

Complementary

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



19.4625, 7.7421, -41.0393



28.1746, 11.6160, 17.5635

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.



19.4627, -16.9833, 11.5670



19.4625, 7.7421, -41.0393



19.4627, 4.7876, 13.6239

Square

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



19.4627, 7.7429, -41.0388



19.4627, 30.8973, 7.2980



19.4627, -8.4968, 13.6239



19.4627, -20.2955, -8.3308

Rectangle

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



19.4625, 7.7421, -41.0393



19.4627, 29.8734, -10.9116



19.4627, -8.4968, 13.6239



19.4627, -19.9264, 8.3216

Sweetspot

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



19.4627, 7.7429, -41.0388



46.2618, -3.2427, -11.6050



36.8521, -27.8513, 14.0625



21.9461, -1.5055, -6.5133



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



19.4627, 7.7429, -41.0388



25.5236, 11.4738, -56.6710



11.7078, 31.4189, -80.6197



19.5671, -1.2188, -0.3579



20.0125, 8.0827, -42.4621



42.2753, 21.9819, -100.2931

Inverse Universe

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



20.4211, 36.1818, 3.7843



27.2763, 48.2398, 5.7783



40.8752, -12.9554, 24.9597



19.3002, 0.8536, 0.6695



21.0435, 37.2800, 3.9669



46.2748, 81.6415, 11.3404

Previews

White Background



This preview shows how the HunterLab color 19.4625, 7.7421, -41.0393 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 19.4625, 7.7421, -41.0393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

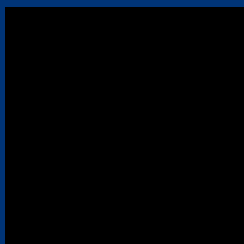
Any Text WCAG AA × Fail

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 19.4625, 7.7421, -41.0393 Background



This preview shows how black text looks on a background with the HunterLab color 19.4625, 7.7421, -41.0393.



This preview shows how white text looks on a background with the HunterLab color 19.4625, 7.7421, -41.0393.

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

19.4625, 7.7421, -41.0393

Protanopia

19.3936, 5.7342, -36.6187

Deuteranopia

19.5143, -0.6009, -23.0940



Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.4625, 7.7421, -41.0393

Protanomaly

19.5119, 6.3395, -38.0735

Deuteranomaly

19.4242, 2.4693, -29.6090

Tritanomaly

19.1885, -4.2516, -14.8059

Monochromacy



Original Color

19.4625, 7.7421, -41.0393

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.5373, -0.5233, -11.1913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4625, 7.7421, -41.0393 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, 52, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 119)  
}
```

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, 52, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4625, 7.7421, -41.0393 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, 52, 119) }
```


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

```
.border{ border-color:rgb(0, 52, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 52, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 52, 119)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4625, 7.7421, -41.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 119) }
```

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

```
.background{ background-color: rgb(0, 52,  
119) }
```

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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