

Converting Colors

HunterLab(19.0192, 7.8875,
-36.8452)

Have a look what the booklet for
HunterLab(19.0192, 7.8875,
-36.8452) contains.

HunterLab(19.0050, 7.9713, -36.8881)	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(19.0050, 7.9713,
-36.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	133271
RGB	19, 50, 113
RGB Percent	7%, 20%, 44%
CMY	0.9255, 0.8039, 0.5569
CMYK	0.83, 0.56, 0.00, 0.56
HSL	220°, 71%, 26%
HSV	220°, 83%, 44%
XYZ	4.3898, 3.6119, 16.0886
YIQ	47.9130, -38.6990, 13.0210

Conversions

Conversions Part 2

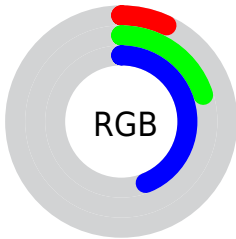
Format	Color
R_{YB}	19, 42, 113
Decimal	1258097
CIE _{Lab}	22.34, 14.12, -39.62
CIE _{LCh}	22, 42.062, 289.609
Yxy	3.6120, 0.1822, 0.1499
Android (android.graphics.Color)	4279448177 (0xFF133271)
YUV	47.9130, 32.0879, -25.3567
Hunter-Lab	19.0050, 7.9713, -36.8881

Details

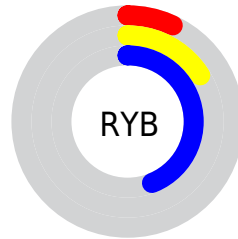
The HunterLab color **19.0050, 7.9713, -36.8881** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.9734, 3.1129, 17.9602**, and the grayscale version is **17.0699, -0.9108, 0.9274**.

A 20% lighter version of the original color is **35.6996, 8.5207, -36.9730**, and **6.7602, 13.7514, -38.1349** is the 20% darker color. If you saturate the color by 10%, you get **17.1123, 10.9463, -43.3933**, and if you desaturate by 10%, it is **21.1099, 5.4782, -30.7752**.

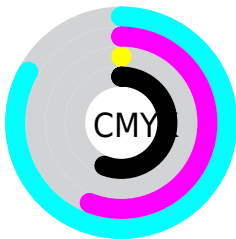
Distribution



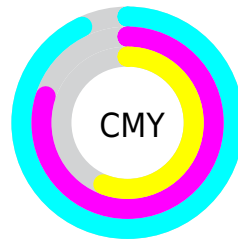
- Red (7%)
- Green (20%)
- Blue (44%)



- Red (7%)
- Yellow (16%)
- Blue (44%)



- Cyan (83%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0050, 7.9713, -36.8881 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 19.0050, 7.9713, -36.8881 by changing the saturation by 10% instead.

■ 19.0050, 7.9713,
-36.8881

■ 19.0050, 7.9713,
-36.8881

■ 116.3806, 9.2873,
-41.6816

■ 12.0788, 7.3100,
-37.8421

■ 35.6711, 8.8681,
-37.3949

■ 5.0950, 11.8003,
-53.7255

■ 45.2243, 9.1509,
-38.0023

0.0000, NaN, -NF

■ 55.5046, 9.3447,
-38.6646

0.0000, NaN, -NF

■ 66.4638, 9.4605,
-39.3318

0.0000, NaN, NaN

■ 78.0621, 9.5066,
-39.9778

0.0000, NaN, NaN

■ 90.2663, 9.4897,

0.0000, NaN, NaN

0.0000, NaN, NaN

-40.5890

0.0000, NaN, NaN

103.0474, 9.4151,
-41.1582

19.0050, 7.9713,
-36.8881

19.0050, 7.9713,
-36.8881

17.1123, 10.9463,
-43.3933

21.1099, 5.4782,
-30.7752

15.9111, 13.1072,
-48.1822

23.3964, 3.4468,
-25.1137

25.8366, 1.8233,
-19.8991

28.4078, 0.5476,
-15.0922

31.0915, -0.4365,
-10.6412

■ 33.8732, -1.1773,
-6.4936

■ 36.7411, -1.7151,
-2.6013

■ 39.6857, -2.0826,
1.0773

■ 42.6992, -2.3066,
4.5776

Harmonies

Analogous

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



19.0053, -5.2547, -39.4203



19.0050, 7.9713, -36.8881



19.0053, 21.6034, -21.2564

Triad

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



19.0053, 7.9720, -36.8876



19.0053, 17.7124, 11.8882



19.0053, -19.6734, 4.7922

Complementary

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



19.0050, 7.9713, -36.8881



30.9734, 3.1129, 17.9602

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.



19.0053, -16.3652, 10.8458



19.0050, 7.9713, -36.8881



19.0053, 3.6321, 13.3037

Square

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



19.0053, 7.9720, -36.8876



19.0053, 28.1782, 7.3348



19.0053, -8.5910, 13.3037



19.0053, -19.0898, -8.6217

Rectangle

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



19.0050, 7.9713, -36.8881



19.0053, 28.0016, -9.0675



19.0053, -8.5910, 13.3037



19.0053, -19.0232, 7.5189

Sweetspot

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



19.0053, 7.9720, -36.8876



44.3898, -1.3560, -10.0369



35.4302, -23.2889, 8.1760



20.8657, -0.5291, -5.5358



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



19.0053, 7.9720, -36.8876



20.7658, 18.8969, -66.7484



14.1771, 24.2405, -56.1762



18.6107, -0.9255, -0.5086



16.8456, 14.2161, -51.7441



35.6446, 36.9098, -124.2303

Inverse Universe

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



20.5110, 30.4095, 4.4483



25.5076, 44.5442, 9.8030



37.9700, -14.7906, 22.1754



18.4878, 0.7213, 0.8567



20.3281, 35.5500, 7.4177



45.2110, 78.7579, 18.8840

Previews

White Background



This preview shows how the HunterLab color 19.0050, 7.9713, -36.8881 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 19.0050, 7.9713, -36.8881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

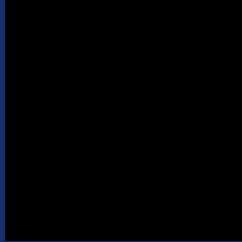
Any Text WCAG AA × Fail

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 19.0050, 7.9713, -36.8881 Background



This preview shows how black text looks on a background with the HunterLab color 19.0050, 7.9713, -36.8881.



This preview shows how white text looks on a background with the HunterLab color 19.0050, 7.9713, -36.8881.

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

19.0050, 7.9713, -36.8881

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

18.8643, -0.5401, -22.4128



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

19.0050, 7.9713, -36.8881

Protanomaly

18.8693, 6.1487, -35.5195

Deuteranomaly

18.8433, 2.6328, -27.8952

Tritanomaly

18.6215, -3.9551, -13.3805

Monochromacy



Original Color

19.0050, 7.9713, -36.8881

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.4866, 0.3379, -10.0063

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0050, 7.9713, -36.8881 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(19, 50, 113)` looks like.

```
.text, #text, p{  
    color:rgb(19, 50, 113)  
}
```

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(19, 50, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 50, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0050, 7.9713, -36.8881 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(19, 50, 113) }
```


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

```
.border{ border-color:rgb(19, 50, 113) }
```

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

Here you see how a box with a 4 pixel rgb(19, 50, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 50, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 50, 113);  
box-shadow:4px 4px 4px 4px rgb(19, 50,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0050, 7.9713, -36.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 50, 113) }
```

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

```
.background{ background-color: rgb(19, 50,  
113) }
```

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