

Converting Colors

HunterLab(19.8036, 7.0851,
-38.3372)

Have a look what the booklet for
HunterLab(19.8036, 7.0851,
-38.3372) contains.

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Color

**HunterLab(19.7196, 7.0990,
-38.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	093575
RGB	9, 53, 117
RGB Percent	4%, 21%, 46%
CMY	0.9647, 0.7922, 0.5412
CMYK	0.92, 0.55, 0.00, 0.54
HSL	216°, 86%, 25%
HSV	216°, 92%, 46%
XYZ	4.5966, 3.8886, 17.3379
YIQ	47.1400, -46.7680, 10.5760

Conversions

Conversions Part 2

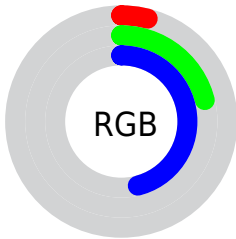
Format	Color
R_{YB}	9, 40, 117
Decimal	603509
CIE _{Lab}	23.30, 12.77, -40.64
CIE _{LCh}	23, 42.604, 287.446
Yxy	3.8887, 0.1780, 0.1506
Android (android.graphics.Color)	4278793589 (0xFF093575)
YUV	47.1400, 34.4410, -33.4488
Hunter-Lab	19.7196, 7.0990, -38.3253

Details

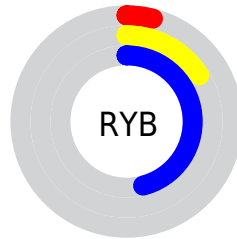
The HunterLab color **19.7196, 7.0990, -38.3253** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29.2721, 8.3446, 17.6592**, and the grayscale version is **16.8083, -0.8969, 0.9132**.

A 20% lighter version of the original color is **36.5547, 7.8011, -39.0218**, and **7.8277, 12.3222, -36.3840** is the 20% darker color. If you saturate the color by 10%, you get **18.3586, 9.2329, -42.8780**, and if you desaturate by 10%, it is **21.5998, 4.5659, -32.8068**.

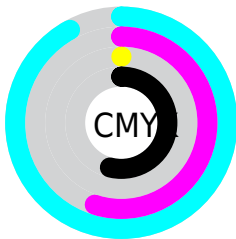
Distribution



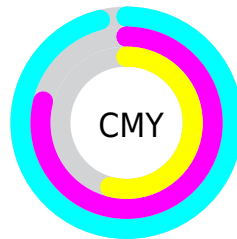
- Red (4%)
- Green (21%)
- Blue (46%)



- Red (4%)
- Yellow (16%)
- Blue (46%)



- Cyan (92%)
- Magenta (55%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (79%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7196, 7.0990, -38.3253 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 19.7196, 7.0990, -38.3253 by changing the saturation by 10% instead.

■ 19.7196, 7.0990,
-38.3253

■ 19.7196, 7.0990,
-38.3253

■ 117.6824, 7.7588,
-43.1840

■ 12.6945, 6.5397,
-39.2727

■ 36.5508, 7.8164,
-38.8204

■ 6.0444, 8.8853,
-49.6950

■ 46.1757, 8.0192,
-39.4293

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.5228, 8.1381,
-40.0977

0.0000, NaN, NaN

■ 67.5447, 8.1832,
-40.7746

0.0000, NaN, NaN

■ 79.2023, 8.1621,
-41.4330

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.4627, 8.0812,

-42.0585

0.0000, NaN, NaN

104.2976, 7.9454,
-42.6436

19.7196, 7.0990,
-38.3253

19.7196, 7.0990,
-38.3253

18.3586, 9.2329,
-42.8780

21.5998, 4.5659,
-32.8068

23.6575, 2.5034,
-27.5567

25.8720, 0.8815,
-22.6104

28.2233, -0.3484,
-17.9698

30.6944, -1.2383,
-13.6166

■ 33.2705, -1.8368,
-9.5225

■ 35.9397, -2.1869,
-5.6565

■ 38.6917, -2.3254,
-1.9884

■ 41.5181, -2.2830,
1.5097

Harmonies

Analogous

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



19.7199, -6.2458, -39.6942



19.7196, 7.0990, -38.3253



19.7199, 21.1999, -23.0511

Triad

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



19.7199, 7.0997, -38.3248



19.7199, 19.0871, 11.9565



19.7199, -20.1393, 5.6122

Complementary

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



19.7196, 7.0990, -38.3253



29.2721, 8.3446, 17.6592

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.



19.7199, -16.4162, 11.4160



19.7196, 7.0990, -38.3253



19.7199, 4.7393, 13.8039

Square

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



19.7199, 7.0997, -38.3248



19.7199, 29.2695, 7.0008



19.7199, -8.0650, 13.8039



19.7199, -19.8195, -7.5682

Rectangle

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



19.7196, 7.0990, -38.3253



19.7199, 28.0936, -10.5371



19.7199, -8.0650, 13.8039



19.7199, -19.3704, 8.2413

Sweetspot

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



19.7199, 7.0997, -38.3248



45.7843, -2.6608, -10.8615



36.3988, -26.2116, 11.9817



21.3681, -1.1821, -6.0796



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.



19.7199, 7.0997, -38.3248



24.0422, 13.5349, -59.2686



12.6836, 27.8822, -70.3672



19.5247, -1.1487, -0.4097



19.1941, 9.8608, -45.2776



40.4448, 26.1871, -107.0830

Inverse Universe

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



20.5782, 34.0462, 3.5719



26.6902, 47.0241, 7.0425



39.9132, -13.5197, 23.9731



19.2959, 0.8303, 0.7313



20.9664, 36.9981, 5.0792



46.1093, 81.0352, 13.7366

Previews

White Background



This preview shows how the HunterLab color 19.7196, 7.0990, -38.3253 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 19.7196, 7.0990, -38.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

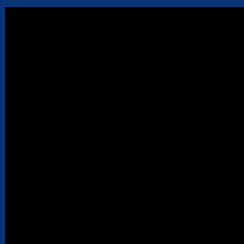
Any Text WCAG AA × Fail

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 19.7196, 7.0990, -38.3253 Background



This preview shows how black text looks on a background with the HunterLab color 19.7196, 7.0990, -38.3253.



This preview shows how white text looks on a background with the HunterLab color 19.7196, 7.0990,

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

19.7196, 7.0990, -38.3253

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.5630, -0.3358, -23.7271



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.7196, 7.0990, -38.3253

Protanomaly

19.7370, 5.7168, -36.4619

Deuteranomaly

19.7188, 2.1832, -28.8105

Tritanomaly

19.5017, -4.4610, -14.1901

Monochromacy



Original Color

19.7196, 7.0990, -38.3253

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.2854, -0.3515, -10.3844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7196, 7.0990, -38.3253 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(9, 53, 117)` looks like.

```
.text, #text, p{  
    color:rgb(9, 53, 117)  
}
```

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(9, 53, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 53, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7196, 7.0990, -38.3253 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(9, 53, 117) }
```


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

```
.border{ border-color:rgb(9, 53, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 53, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 53, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 53, 117);  
box-shadow:4px 4px 4px 4px rgb(9, 53, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7196, 7.0990, -38.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 53, 117) }
```

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

```
.background{ background-color: rgb(9, 53,  
117) }
```

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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