

Converting Colors

HunterLab(7.2203, 19.5839,
-51.2947)

Have a look what the booklet for
HunterLab(7.2203, 19.5839,
-51.2947) contains.

HunterLab(7.2236, 19.5940, -51.3267)	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(7.2236, 19.5940,
-51.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	00004C
RGB	0, 0, 76
RGB Percent	0%, 0%, 30%
CMY	1.0000, 1.0000, 0.7020
CMYK	1.00, 1.00, 0.00, 0.70
HSL	240°, 100%, 15%
HSV	240°, 100%, 30%
XYZ	1.3045, 0.5218, 6.8695
YIQ	8.6640, -24.3960, 23.6360

Conversions

Conversions Part 2

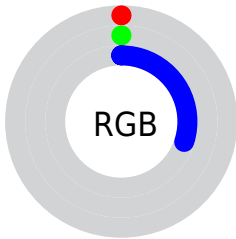
Format	Color
RYB	0, 0, 76
Decimal	76
CIELab	4.71, 30.43, -43.91
CIELCh	5, 53.421, 304.726
Yxy	0.5218, 0.1500, 0.0600
Android (android.graphics.Color)	4278190156 (0xFF00004C)
YUV	8.6640, 33.1966, -7.5983
Hunter-Lab	7.2236, 19.5940, -51.3267

Details

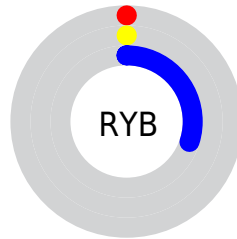
The HunterLab color **7.2236, 19.5940, -51.3267** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **25.8944, -6.9568, 15.8342**, and the grayscale version is **5.0378, -0.2688, 0.2737**.

A 20% lighter version of the original color is **20.8131, 20.6369, -43.0430**, and **3.7034, 5.8603, -17.2797** is the 20% darker color. If you saturate the color by 10%, you get **7.2239, 19.5942, -51.3247**, and if you desaturate by 10%, it is **8.5782, 15.8303, -41.6956**.

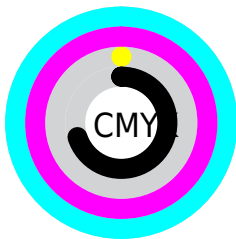
Distribution



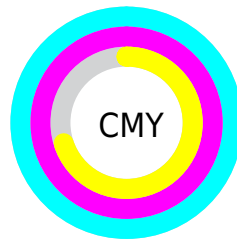
- Red (0%)
- Green (0%)
- Blue (30%)



- Red (0%)
- Yellow (0%)
- Blue (30%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 7.2236, 19.5940, -51.3267 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 7.2236, 19.5940, -51.3267 by changing the saturation by 10% instead.

7.2236, 19.5940,
-51.3267

7.2236, 19.5940,
-51.3267

93.2428, 27.2543,
-46.7471

0.0000, INF, -NF

0.0000, NaN, -NF

20.7934, 20.6081,
-43.0956

0.0000, NaN, -NF

28.9069, 21.9223,
-43.0172

0.0000, NaN, NaN

0.0000, NaN, NaN

37.8655, 23.0958,
-43.4027

0.0000, NaN, NaN

47.5958, 24.1395,
-43.9940

0.0000, NaN, NaN

58.0409, 25.0662,
-44.6717

0.0000, NaN, NaN

0.0000, NaN, NaN

69.1549, 25.8878,

-45.3757

■ 80.8996, 26.6143,
-46.0736

■ 7.2236, 19.5940,
-51.3267

■ 7.2236, 19.5940,
-51.3267

■ 7.2239, 19.5942,
-51.3247

■ 8.5782, 15.8303,
-41.6956

■ 9.8611, 13.1267,
-34.8044

■ 11.4304, 10.5396,
-28.2387

■ 13.2396, 8.1940,
-22.3184

■ 15.2321, 6.1218,
-17.1215

■ 17.3676, 4.2924,
-12.5650

■ 19.6180, 2.6604,
-8.5294

■ 21.9632, 1.1837,
-4.9037

■ 24.3886, -0.1722,
-1.5973

Harmonies

Analogous

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



7.2239, 2.2691, -73.5680



7.2236, 19.5940, -51.3267



7.2239, 36.2983, -17.3317

Triad

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



7.2239, 19.5942, -51.3247



7.2239, 13.8197, 5.0567



7.2239, -12.6417, -2.1324

Complementary

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



7.2236, 19.5940, -51.3267



25.8944, -6.9568, 15.8342

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.



7.2239, -12.6417, 5.0567



7.2236, 19.5940, -51.3267



7.2239, -3.0408, 5.0567

Square

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



7.2239, 19.5942, -51.3247



7.2239, 31.7503, 5.0567



7.2239, -12.6417, 5.0567



7.2239, -12.6417, -27.2705

Rectangle

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



7.2236, 19.5940, -51.3267



7.2239, 41.7011, -2.4244



7.2239, -12.6417, 5.0567



7.2239, -12.6417, 3.2109

Sweetspot

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



7.2239, 19.5942, -51.3247



25.5532, 3.7474, -11.8402



23.8552, -12.6469, -2.5160



12.7448, 2.1679, -6.6790



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



7.2239, 19.5942, -51.3247



9.5369, 25.8684, -67.7602



9.6637, 21.9489, -35.6113



12.8741, -0.1799, -0.6129



9.7947, 26.5676, -69.5915



23.8437, 64.6756, -169.4161

Inverse Universe

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



14.3466, 28.2054, -18.9192



18.9405, 37.2371, -24.9771



23.6241, -15.7748, 14.2809



13.1412, 0.7292, -0.2587



19.4524, 38.2434, -25.6522



47.3546, 93.0993, -62.4465

Previews

White Background



This preview shows how the HunterLab color 7.2236, 19.5940, -51.3267 looks on a white background.

Color Contrast Check

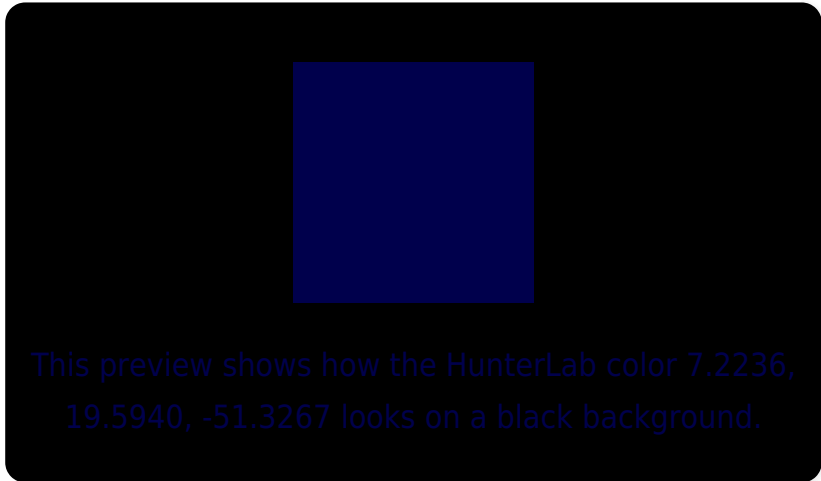
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

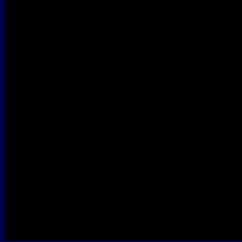
Any Text WCAG AA × Fail

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 7.2236, 19.5940, -51.3267 Background



This preview shows how black text looks on a background with the HunterLab color 7.2236, 19.5940, -51.3267.



This preview shows how white text looks on a background with the HunterLab color 7.2236, 19.5940,

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

7.2236, 19.5940, -51.3267

Protanopia

8.8264, 0.7325, -12.6135

Deuteranopia

8.9429, -1.8209, -7.2470



Tritanopia

9.0439, -4.6315, -1.3060

Trichromacy



Original Color

7.2236, 19.5940, -51.3267

Protanomaly

7.8712, 7.1058, -25.1778

Deuteranomaly

7.6784, 4.9432, -20.2682

Tritanomaly

7.6835, 2.2144, -14.3840

Monochromacy



Original Color

7.2236, 19.5940, -51.3267

Achromatopsia

5.2266, -0.2789, 0.2840

Achromatomaly

5.2799, 4.7816, -12.8202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 7.2236, 19.5940, -51.3267 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, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 76)  
}
```

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, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 7.2236, 19.5940, -51.3267 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, 0, 76) }
```


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

```
.border{ border-color:rgb(0, 0, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 76); box-shadow:4px  
4px 4px 4px rgb(0, 0, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 7.2236, 19.5940, -51.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 76) }
```

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

```
.background{ background-color: rgb(0, 0,  
76) }
```

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