

Converting Colors

HunterLab(7.6358, 16.8286,
-24.1506)

Have a look what the booklet for
HunterLab(7.6358, 16.8286,
-24.1506) contains.

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Color

**HunterLab(7.5949, 16.7658,
-24.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	1F0038
RGB	31, 0, 56
RGB Percent	12%, 0%, 22%
CMY	0.8784, 1.0000, 0.7804
CMYK	0.45, 1.00, 0.00, 0.78
HSL	273°, 100%, 11%
HSV	273°, 100%, 22%
XYZ	1.2789, 0.5768, 3.7853
YIQ	15.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

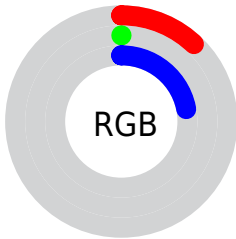
Format	Color
R_{YB}	31, 0, 56
Decimal	2031672
CIE Lab	5.21, 27.50, -28.70
CIE LCh	5, 39.751, 313.772
Yxy	0.5768, 0.2267, 0.1023
Android (android.graphics.Color)	4280221752 (0xFF1F0038)
YUV	15.6530, 19.8911, 13.4593
Hunter-Lab	7.5949, 16.7658, -24.2337

Details

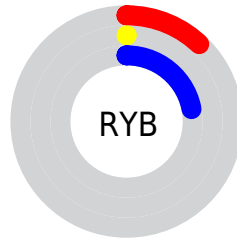
The HunterLab color **7.5949, 16.7658, -24.2337** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.4213, -11.8900, 10.5267**, and the grayscale version is **7.0433, -0.3758, 0.3827**.

A 20% lighter version of the original color is **21.2037, 18.2777, -23.2356**, and **1.3241, 3.5916, -9.4081** is the 20% darker color. If you saturate the color by 10%, you get **7.5950, 16.7659, -24.2333**, and if you desaturate by 10%, it is **8.5950, 14.4062, -20.2602**.

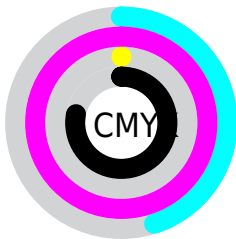
Distribution



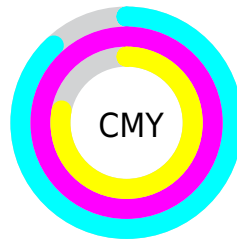
- Red (12%)
- Green (0%)
- Blue (22%)



- Red (12%)
- Yellow (0%)
- Blue (22%)



- Cyan (45%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (88%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 7.5949, 16.7658, -24.2337 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 7.5949, 16.7658, -24.2337 by changing the saturation by 10% instead.

7.5949, 16.7658,
-24.2337

7.5949, 16.7658,
-24.2337

93.8712, 23.9978,
-26.3843

0.0000, INF, -NF

0.0000, NaN, -NF

21.1751, 18.2703,
-23.0094

0.0000, NaN, NaN

29.3327, 19.4462,
-23.5268

0.0000, NaN, NaN

38.3312, 20.4803,
-24.0948

0.0000, NaN, NaN

0.0000, NaN, NaN

48.0983, 21.3875,
-24.6488

0.0000, NaN, NaN

58.5777, 22.1817,
-25.1626

0.0000, NaN, NaN

0.0000, NaN, NaN

69.7238, 22.8751,

-25.6252

■ 81.4989, 23.4777,
-26.0327

■ 7.5949, 16.7658,
-24.2337

■ 7.5949, 16.7658,
-24.2337

■ 7.5950, 16.7659,
-24.2333

■ 8.5950, 14.4062,
-20.2602

■ 9.5109, 12.6973,
-17.2406

■ 10.4971, 11.0325,
-14.4707

■ 11.6025, 9.2786,
-11.8070

■ 12.8082, 7.4991,
-9.2954

■ 14.0986, 5.7288,
-6.9462

■ 15.4607, 3.9842,
-4.7511

■ 16.8845, 2.2713,
-2.6939

■ 18.3619, 0.5904,
-0.7560

Harmonies

Analogous

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



7.5950, 5.0235, -39.8279



7.5949, 16.7658, -24.2337



7.5950, 25.6021, -6.1997

Triad

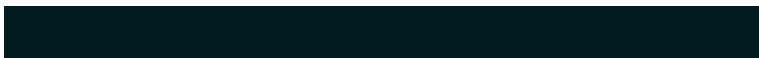
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7.5950, 16.7659, -24.2333



7.5950, 5.9680, 5.3165



7.5950, -13.2913, -5.0474

Complementary

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



7.5949, 16.7658, -24.2337



17.4213, -11.8900, 10.5267

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.



7.5950, -13.2913, 5.3165



7.5949, 16.7658, -24.2337



7.5950, -5.8348, 5.3165

Square

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



7.5950, 16.7659, -24.2333



7.5950, 17.6891, 5.3165



7.5950, -13.2913, 5.3165



7.5950, -13.2913, -22.6265

Rectangle

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



7.5949, 16.7658, -24.2337



7.5950, 26.9663, 1.8405



7.5950, -13.2913, 5.3165



7.5950, -13.2913, -1.0137

Sweetspot

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



7.5950, 16.7659, -24.2333



20.0508, 5.5883, -6.6779



9.9467, 1.7185, -16.1423



10.5996, 3.1641, -3.7890



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



7.5950, 16.7659, -24.2333



9.8177, 21.8421, -32.6392



10.4864, 20.4269, -12.3610



10.1001, 0.1702, -0.2409



12.1175, 27.0993, -41.3768



30.3716, 68.9035, -111.3127

Inverse Universe

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



9.5443, 17.0802, 0.4672



12.5049, 22.2937, 1.2695



16.8359, -14.3067, 9.8406



10.1498, 0.2677, 0.3785



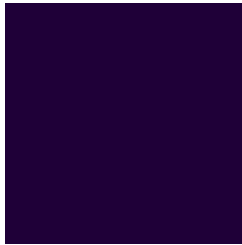
15.5724, 27.6953, 2.1000



39.9832, 70.6731, 8.7770

Previews

White Background



This preview shows how the HunterLab color 7.5949, 16.7658, -24.2337 looks on a white background.

Color Contrast Check

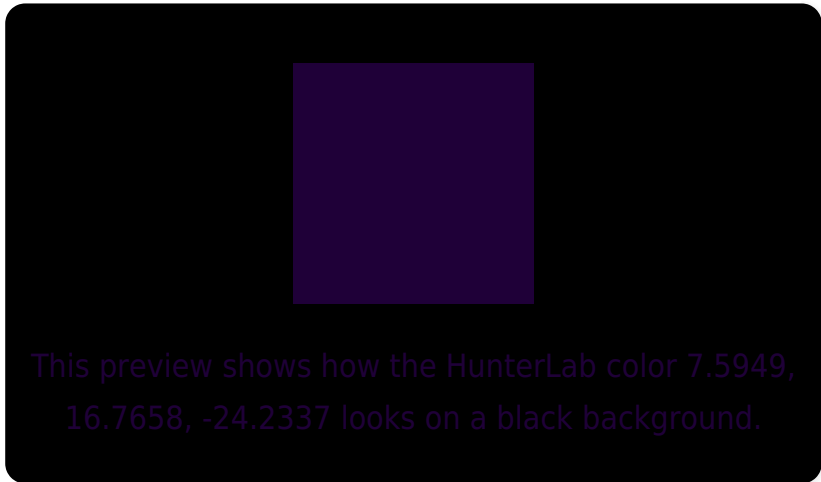
Large Text (above 18pt) WCAG AA ✓ Pass

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

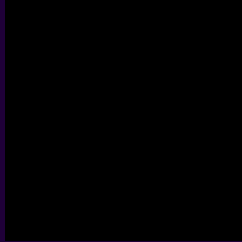
Any Text WCAG AA × Fail

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 7.5949, 16.7658, -24.2337 Background



This preview shows how black text looks on a background with the HunterLab color 7.5949, 16.7658, -24.2337.



This preview shows how white text looks on a background with the HunterLab color 7.5949, 16.7658, -24.2337.

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

7.5949, 16.7658, -24.2337

Protanopia

8.7366, 0.2503, -11.4602

Deuteranopia

8.7136, -1.4705, -7.7169



Tritanopia

9.0660, -0.0134, -0.0652

Trichromacy



Original Color

7.5949, 16.7658, -24.2337

Protanomaly

7.7909, 5.8276, -17.2105

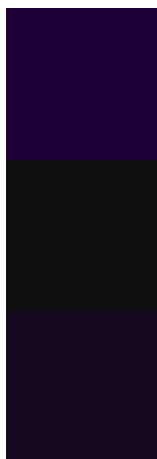
Deuteranomaly

7.7605, 4.4171, -14.1078

Tritanomaly

8.1306, 5.5627, -7.0638

Monochromacy



Original Color

7.5949, 16.7658, -24.2337

Achromatopsia

7.1983, -0.3841, 0.3911

Achromatomaly

6.8952, 5.1517, -6.8077

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 7.5949, 16.7658, -24.2337 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(31, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 56)  
}
```

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(31, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 7.5949, 16.7658, -24.2337 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(31, 0, 56) }
```


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

```
.border{ border-color:rgb(31, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(31, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 0, 56); box-shadow:4px  
4px 4px 4px rgb(31, 0, 56) }
```

Background

The CSS property to change the background color of an element to HunterLab 7.5949, 16.7658, -24.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 56) }
```

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

```
.background{ background-color: rgb(31, 0,  
56) }
```

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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