

Converting Colors

HunterLab(13.1473, 6.8823,
-17.6677)

Have a look what the booklet for
HunterLab(13.1473, 6.8823,
-17.6677) contains.

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Color

**HunterLab(13.2117, 6.9094,
-17.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	211F46
RGB	33, 31, 70
RGB Percent	13%, 12%, 27%
CMY	0.8706, 0.8784, 0.7255
CMYK	0.53, 0.56, 0.00, 0.73
HSL	243°, 39%, 20%
HSV	243°, 56%, 27%
XYZ	2.2227, 1.7455, 6.0141
YIQ	36.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

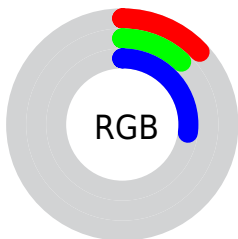
Format	Color
RYB	33, 31, 70
Decimal	2170694
CIELab	14.09, 13.28, -24.29
CIELCh	14, 27.681, 298.673
Yxy	1.7455, 0.2227, 0.1749
Android (android.graphics.Color)	4280360774 (0xFF211F46)
YUV	36.0440, 16.7403, -2.6696
Hunter-Lab	13.2117, 6.9094, -17.7412

Details

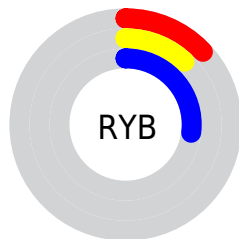
The HunterLab color **13.2117, 6.9094, -17.7412** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23.8918, -5.7896, 11.4036**, and the grayscale version is **13.2475, -0.7069, 0.7198**.

A 20% lighter version of the original color is **28.4069, 7.8094, -18.7859**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **11.4886, 8.9093, -22.6683**, and if you desaturate by 10%, it is **15.0746, 5.1151, -13.4114**.

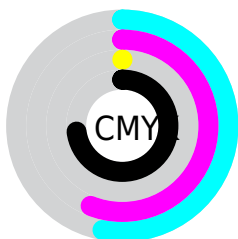
Distribution



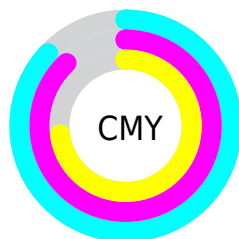
- Red (13%)
- Green (12%)
- Blue (27%)



- Red (13%)
- Yellow (12%)
- Blue (27%)



- Cyan (53%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2117, 6.9094, -17.7412 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 13.2117, 6.9094, -17.7412 by changing the saturation by 10% instead.

■ 13.2117, 6.9094,
-17.7412

■ 13.2117, 6.9094,
-17.7412

■ 105.3363, 8.4862,
-21.1115

■ 6.7297, 8.2404,
-19.8234

■ 28.3760, 7.9265,
-18.6628

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.2843, 8.2470,
-19.1749

0.0000, NaN, NaN

■ 46.9684, 8.4696,
-19.6442

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3704, 8.6077,
-20.0570

0.0000, NaN, NaN

■ 68.4439, 8.6714,
-20.4093

0.0000, NaN, NaN

■ 80.1503, 8.6684,

0.0000, NaN, NaN

-20.7013

92.4571, 8.6050,
-20.9346

13.2117, 6.9094,
-17.7412

13.2117, 6.9094,
-17.7412

11.4886, 8.9093,
-22.6683

15.0746, 5.1151,
-13.4114

9.9444, 11.1155,
-28.2247

17.0483, 3.4966,
-9.5852

8.6340, 13.4454,
-34.2346

19.1129, 2.0200,
-6.1620

7.4086, 16.3966,
-41.5192

21.2540, 0.6553,
-3.0558

6.8218, 18.1645,
-45.8384

23.4608, -0.6222,
-0.1980

■ 25.7251, -1.8315,
2.4651

■ 28.0407, -2.9876,
4.9745

■ 30.4026, -4.1020,
7.3622

■ 32.8067, -5.1835,
9.6527

Harmonies

Analogous

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



13.2119, -1.0363, -21.5038



13.2117, 6.9094, -17.7412



13.2119, 13.9242, -8.5299

Triad

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



13.2119, 6.9095, -17.7408



13.2119, 7.6145, 9.0446



13.2119, -12.2161, 1.0314

Complementary

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



13.2117, 6.9094, -17.7412



23.8918, -5.7896, 11.4036

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.



13.2119, -10.8658, 6.1414



13.2117, 6.9094, -17.7412



13.2119, -0.3717, 9.2483

Square

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



13.2119, 6.9095, -17.7408



13.2119, 14.3907, 5.7930



13.2119, -6.9106, 9.2457



13.2119, -11.0866, -7.6513

Rectangle

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



13.2117, 6.9094, -17.7412



13.2119, 16.5163, -2.2530



13.2119, -6.9106, 9.2457



13.2119, -12.0407, 3.1293

Sweetspot

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



13.2119, 6.9095, -17.7408



27.4635, 1.2119, -4.8161



22.0767, -8.3888, -2.1048



13.7808, 0.6738, -2.5727



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.2119, 6.9095, -17.7408



14.2952, 12.8992, -32.7705



14.7114, 11.0794, -14.0934



12.1561, -0.1380, -0.5359



9.7078, 25.9932, -66.3486



23.7043, 63.9788, -165.9556

Inverse Universe

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



16.4299, 15.3474, -9.3418



19.8086, 25.2926, -15.4059



22.6298, -10.5551, 10.3632



12.3862, 0.6364, -0.1621



18.6881, 36.3617, -21.7042



46.0920, 89.6122, -52.9924

Previews

White Background



This preview shows how the HunterLab color 13.2117, 6.9094, -17.7412 looks on a white background.

Color Contrast Check

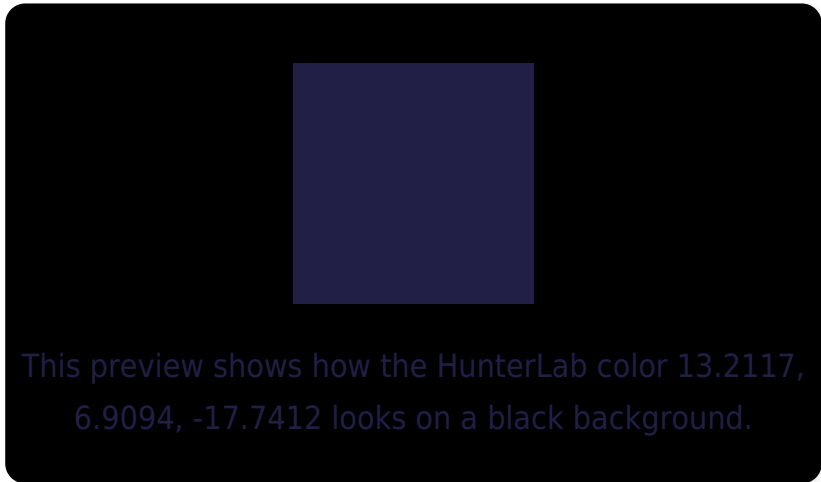
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2117, 6.9094, -17.7412 Background



This preview shows how black text looks on a background with the HunterLab color 13.2117, 6.9094, -17.7412.



This preview shows how white text looks on a background with the HunterLab color 13.2117, 6.9094, -17.7412.

-17.7412.

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

13.2117, 6.9094, -17.7412

Protanopia

13.0249, 2.3825, -21.4232

Deuteranopia

13.0127, -1.0030, -14.0996



Tritanopia

13.2196, -3.0462, -1.7318

Trichromacy



Original Color

13.2117, 6.9094, -17.7412

Protanomaly

13.0509, 3.5066, -20.5327

Deuteranomaly

12.9367, 1.3144, -15.6279

Tritanomaly

12.9731, 0.3144, -6.8484

Monochromacy



Original Color

13.2117, 6.9094, -17.7412

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0950, 1.6018, -4.5637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2117, 6.9094, -17.7412 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(33, 31, 70)` looks like.

```
.text, #text, p{  
    color:rgb(33, 31, 70)  
}
```

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(33, 31, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 31, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2117, 6.9094, -17.7412 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(33, 31, 70) }
```


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

```
.border{ border-color:rgb(33, 31, 70) }
```

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

Here you see how a box with a 4 pixel rgb(33, 31, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 31, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 31, 70);  
box-shadow:4px 4px 4px 4px rgb(33, 31, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2117, 6.9094, -17.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 31, 70) }
```

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

```
.background{ background-color: rgb(33, 31,  
70) }
```

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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