

Converting Colors

HunterLab(13.7537, 5.5191,
-17.9806)

Have a look what the booklet for
HunterLab(13.7537, 5.5191,
-17.9806) contains.

HunterLab(13.7403, 5.5369, -17.8915)	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>	30

Color

**HunterLab(13.7403, 5.5369,
-17.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2248
RGB	30, 34, 72
RGB Percent	12%, 13%, 28%
CMY	0.8823, 0.8667, 0.7176
CMYK	0.58, 0.53, 0.00, 0.72
HSL	234°, 41%, 20%
HSV	234°, 58%, 28%
XYZ	2.2772, 1.8880, 6.3753
YIQ	37.1360, -14.5820, 10.9700

Conversions

Conversions Part 2

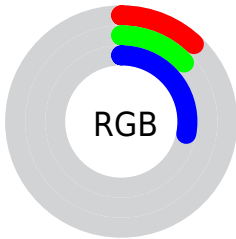
Format	Color
R_YB	30, 34, 72
Decimal	1974856
CIE Lab	14.89, 11.00, -24.41
CIE LCh	15, 26.773, 294.268
Yxy	1.8880, 0.2160, 0.1791
Android (android.graphics.Color)	4280164936 (0xFF1E2248)
YUV	37.1360, 17.1880, -6.2583
Hunter-Lab	13.7403, 5.5369, -17.8915




Details

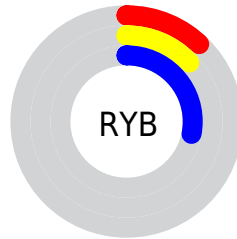
The HunterLab color **13.7403, 5.5369, -17.8915** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23.6768, -3.9346, 11.4445**, and the grayscale version is **13.5955, -0.7254, 0.7387**.




A 20% lighter version of the original color is **29.0671, 6.3508, -18.8754**, and **3.2488, 6.4270, -17.9348** is the 20% darker color. If you saturate the color by 10%, you get **12.0584, 7.3447, -22.5863**, and if you desaturate by 10%, it is **15.5483, 3.9735, -13.7287**.

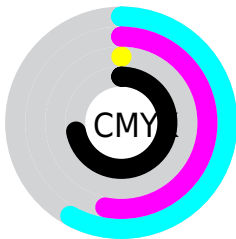
Distribution







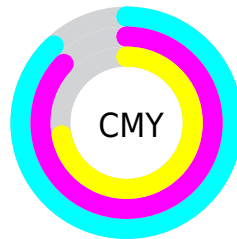
-  Red (12%)
-  Green (13%)
-  Blue (28%)






-  Red (12%)
-  Yellow (13%)
-  Blue (28%)



-  Cyan (58%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (88%)
-  Magenta (87%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7403, 5.5369, -17.8915 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 13.7403, 5.5369, -17.8915 by changing the saturation by 10% instead.

■ 13.7403, 5.5369,
-17.8915

■ 13.7403, 5.5369,
-17.8915

106.3872, 5.9957,
-21.2719

■ 7.3564, 6.1250,
-19.0471

■ 29.0562, 6.2455,
-18.8307

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 38.0289, 6.4291,
-19.3426

0.0000, NaN, NaN

■ 47.7721, 6.5239,
-19.8105

0.0000, NaN, NaN

■ 58.2293, 6.5418,
-20.2218

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.3545, 6.4918,
-20.5728

0.0000, NaN, NaN

■ 81.1099, 6.3806,

0.0000, NaN, NaN

-20.8635

93.4634, 6.2137,
-21.0958

13.7403, 5.5369,
-17.8915

13.7403, 5.5369,
-17.8915

12.0584, 7.3447,
-22.5863

15.5483, 3.9735,
-13.7287

10.5350, 9.4241,
-27.8479

17.4577, 2.6127,
-10.0189

9.2120, 11.7456,
-33.5778

19.4513, 1.4150,
-6.6773

8.0502, 14.0937,
-39.9474

21.5163, 0.3469,
-3.6300

7.8530, 14.5362,
-41.1950

23.6431, -0.6180,
-0.8167

■ 25.8242, -1.5006,
1.8104

■ 28.0538, -2.3172,
4.2887

■ 30.3273, -3.0803,
6.6476

■ 32.6410, -3.7998,
8.9103

Harmonies

Analogous

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



13.7405, -2.1105, -20.3317



13.7403, 5.5369, -17.8915



13.7405, 12.6470, -9.5829

Triad

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



13.7405, 5.5371, -17.8911



13.7405, 8.4812, 8.4308



13.7405, -12.1139, 2.0181

Complementary

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



13.7403, 5.5369, -17.8915



23.6768, -3.9346, 11.4445

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.



13.7405, -10.3878, 6.5913



13.7403, 5.5369, -17.8915



13.7405, 0.6991, 9.6184

Square

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



13.7405, 5.5371, -17.8911



13.7405, 14.5805, 5.1885



13.7405, -6.0494, 9.2375



13.7405, -11.3478, -5.9648

Rectangle

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



13.7403, 5.5369, -17.8915



13.7405, 15.5917, -3.3963



13.7405, -6.0494, 9.2375



13.7405, -11.8194, 3.9033

Sweetspot

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



13.7405, 5.5371, -17.8911



28.5672, 0.3715, -4.5402



23.0776, -10.2961, 0.0716



14.6290, 0.2502, -2.5128



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.7405, 5.5371, -17.8911



14.9797, 10.8749, -32.8201



14.1285, 10.6147, -16.8366



12.2198, -0.3083, -0.4578



10.5595, 21.6934, -60.0284



24.7027, 58.9283, -158.0855

Inverse Universe

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



15.5624, 12.0572, 4.0347



18.3364, 20.2061, 6.6128



23.5509, -9.8482, 11.2469



12.3150, 0.2528, 0.8516



16.4281, 28.2599, 9.6363



40.4712, 69.4476, 25.0708

Previews

White Background



This preview shows how the HunterLab color 13.7403, 5.5369, -17.8915 looks on a white background.

Color Contrast Check

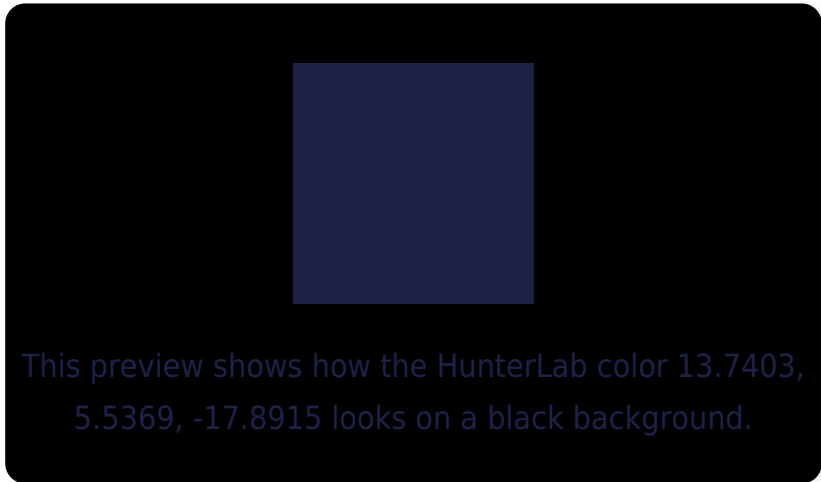
Large Text (above 18pt) WCAG AA ✓ Pass

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

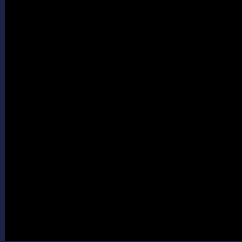
Any Text WCAG AA × Fail

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 13.7403, 5.5369, -17.8915 Background



This preview shows how black text looks on a background with the HunterLab color 13.7403, 5.5369, -17.8915.



This preview shows how white text looks on a background with the HunterLab color 13.7403, 5.5369, -17.8915.

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

13.7403, 5.5369, -17.8915

Protanopia

13.6210, 3.2489, -20.5251

Tritanopia

13.7707, -4.6940, -1.8562

Trichromacy



Original Color

13.7403, 5.5369, -17.8915

Protanomaly

13.5459, 4.0412, -19.9387

Tritanomaly

13.5024, -1.2896, -7.0275

Monochromacy



Original Color

13.7403, 5.5369, -17.8915

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5356, 0.9243, -4.8613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7403, 5.5369, -17.8915 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(30, 34, 72)` looks like.

```
.text, #text, p{  
    color:rgb(30, 34, 72)  
}
```

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(30, 34, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 34, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7403, 5.5369, -17.8915 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(30, 34, 72) }
```

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

```
.border{ border-color:rgb(30, 34, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 34, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 34, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 34, 72);  
box-shadow:4px 4px 4px 4px rgb(30, 34, 72)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 13.7403, 5.5369, -17.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 34, 72) }
```

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

```
.background{ background-color: rgb(30, 34,  
72) }
```

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