

Converting Colors

HunterLab(13.7250, 22.0287,
-8.6236)

Have a look what the booklet for
HunterLab(13.7250, 22.0287,
-8.6236) contains.

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Color

**HunterLab(13.7061, 22.0375,
-8.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	48093A
RGB	72, 9, 58
RGB Percent	28%, 4%, 23%
CMY	0.7176, 0.9647, 0.7725
CMYK	0.00, 0.87, 0.19, 0.72
HSL	313°, 78%, 16%
HSV	313°, 87%, 28%
XYZ	3.5339, 1.8786, 4.1793
YIQ	33.4230, 21.8190, 28.5950

Conversions

Conversions Part 2

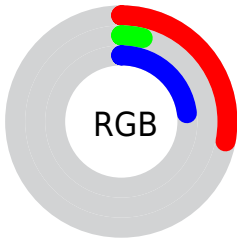
Format	Color
R_{YB}	72, 9, 58
Decimal	4720954
CIE _{Lab}	14.84, 33.96, -14.30
CIE _{LCh}	15, 36.850, 337.170
Yxy	1.8787, 0.3684, 0.1959
Android (android.graphics.Color)	4282911034 (0xFF48093A)
YUV	33.4230, 12.1165, 33.8320
Hunter-Lab	13.7061, 22.0375, -8.4847

Details

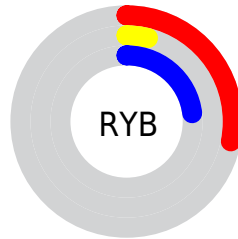
The HunterLab color **13.7061, 22.0375, -8.4847** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.8053, -17.0002, 10.9341**, and the grayscale version is **12.4243, -0.6629, 0.6750**.

A 20% lighter version of the original color is **28.9116, 25.2346, -9.1503**, and **4.3415, 8.1043, -2.3829** is the 20% darker color. If you saturate the color by 10%, you get **13.0627, 23.8157, -8.7494**, and if you desaturate by 10%, it is **14.4097, 20.1942, -8.1298**.

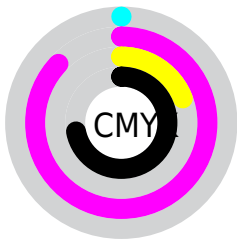
Distribution



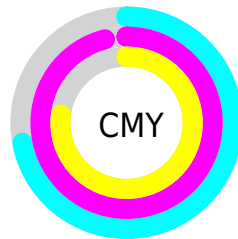
- Red (28%)
- Green (4%)
- Blue (23%)



- Red (28%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (87%)
- Yellow (19%)
- Black (72%)



- Cyan (72%)
- Magenta (96%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7061, 22.0375, -8.4847 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 13.7061, 22.0375, -8.4847 by changing the saturation by 10% instead.

13.7061, 22.0375,
-8.4847

13.7061, 22.0375,
-8.4847

106.3197, 31.9592,
-9.3355

7.3178, 22.3681,
-8.8476

29.0125, 25.0689,
-9.1627

0.0000, INF, -NF

0.0000, NaN, NaN

37.9810, 26.3921,
-9.3880

0.0000, NaN, NaN

47.7205, 27.5852,
-9.5378

0.0000, NaN, NaN

0.0000, NaN, NaN

58.1741, 28.6589,
-9.6174

0.0000, NaN, NaN

69.2960, 29.6240,
-9.6324

0.0000, NaN, NaN

81.0483, 30.4902,

0.0000, NaN, NaN

-9.5876

■ 93.3988, 31.2661,
-9.4874

■ 13.7061, 22.0375,
-8.4847

■ 13.7061, 22.0375,
-8.4847

■ 13.0627, 23.8157,
-8.7494

■ 14.4097, 20.1942,
-8.1298

■ 12.8967, 24.2997,
-8.8275

■ 15.3159, 17.8888,
-7.4496

■ 16.4127, 15.2572,
-6.5019

■ 17.6810, 12.4310,
-5.3537

■ 19.1001, 9.5119,
-4.0641

■ 20.6505, 6.5696,
-2.6791

■ 22.3148, 3.6465,
-1.2323

■ 24.0779, 0.7661,
0.2534

■ 25.9273, -2.0614,
1.7629

Harmonies

Analogous

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



13.7064, 13.0201, -23.5022



13.7061, 22.0375, -8.4847



13.7064, 24.2201, 2.8496

Triad

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



13.7064, 22.0366, -8.4841



13.7064, -3.0636, 9.5945



13.7064, -12.9898, -15.6748

Complementary

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



13.7061, 22.0375, -8.4847



21.8053, -17.0002, 10.9341

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.



13.7064, -15.2782, -1.7548



13.7061, 22.0375, -8.4847



13.7064, -10.5695, 9.5945

Square

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



13.7064, 22.0366, -8.4841



13.7064, 7.6082, 9.5945



13.7064, -14.4521, 6.1821



13.7064, -7.4580, -29.3500

Rectangle

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



13.7061, 22.0375, -8.4847



13.7064, 21.0675, 6.9471



13.7064, -14.4521, 6.1821



13.7064, -14.0771, -10.5949

Sweetspot

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



13.7064, 22.0366, -8.4841



27.3414, 8.4931, -3.4502



9.1729, 15.3332, -33.7070



13.9337, 4.7215, -1.9437



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.



13.7064, 22.0366, -8.4841



16.9834, 31.9468, -11.2135



12.8516, 18.7105, 3.5040



12.3715, 0.5572, 0.0472



17.9411, 33.7387, -11.7709



44.1336, 82.7286, -26.8955

Inverse Universe

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



13.7064, 22.0366, -8.4841



16.9834, 31.9468, -11.2135



22.2724, -14.1362, 4.1365



12.3715, 0.5572, 0.0472



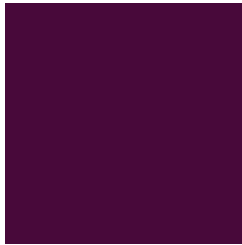
17.9411, 33.7387, -11.7709



44.1336, 82.7286, -26.8955

Previews

White Background



This preview shows how the HunterLab color 13.7061, 22.0375, -8.4847 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

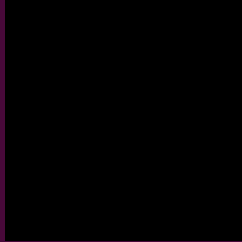
Any Text WCAG AA × Fail

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 13.7061, 22.0375, -8.4847 Background



This preview shows how black text looks on a background with the HunterLab color 13.7061, 22.0375, -8.4847.



This preview shows how white text looks on a background with the HunterLab color 13.7061, 22.0375, -8.4847.

-8.4847.

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

13.7061, 22.0375, -8.4847

Protanopia

14.5246, 3.2888, -22.7693

Deuteranopia

14.4653, 0.8330, -5.3768



Tritanopia

14.1020, 12.7423, 5.0459

Trichromacy



Original Color

13.7061, 22.0375, -8.4847

Protanomaly

12.7862, 8.9657, -21.1929

Deuteranomaly

13.2639, 8.7023, -7.8311

Tritanomaly

13.7892, 15.9024, 1.2495

Monochromacy



Original Color

13.7061, 22.0375, -8.4847

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

11.9364, 7.7763, -3.3892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7061, 22.0375, -8.4847 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(72, 9, 58)` looks like.

```
.text, #text, p{  
    color:rgb(72, 9, 58)  
}
```

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(72, 9, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 9, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7061, 22.0375, -8.4847 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(72, 9, 58) }
```


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

```
.border{ border-color:rgb(72, 9, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 9, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 9, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 9, 58); box-shadow:4px  
4px 4px 4px rgb(72, 9, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7061, 22.0375, -8.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 9, 58) }
```

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

```
.background{ background-color: rgb(72, 9,  
58) }
```

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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