

Converting Colors

HunterLab(13.6242, 25.5275,
-8.2160)

Have a look what the booklet for
HunterLab(13.6242, 25.5275,
-8.2160) contains.

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Color

**HunterLab(13.6864, 25.5968,
-7.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0039
RGB	77, 0, 57
RGB Percent	30%, 0%, 22%
CMY	0.6980, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.26, 0.70
HSL	316°, 100%, 15%
HSV	316°, 100%, 30%
XYZ	3.7991, 1.8732, 4.0322
YIQ	29.5210, 27.5950, 34.0510

Conversions

Conversions Part 2

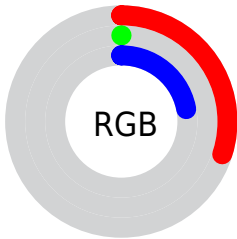
Format	Color
R_{YB}	77, 0, 57
Decimal	5046329
CIE _{Lab}	14.81, 38.16, -13.55
CIE _{LCh}	15, 40.498, 340.456
Yxy	1.8733, 0.3915, 0.1930
Android (android.graphics.Color)	4283236409 (0xFF4D0039)
YUV	29.5210, 13.5471, 41.6391
Hunter-Lab	13.6864, 25.5968, -7.8872

Details

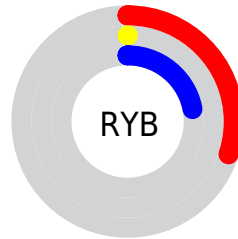
The HunterLab color **13.6864, 25.5968, -7.8872** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.1480, -19.0700, 12.2342**, and the grayscale version is **11.1997, -0.5976, 0.6085**.

A 20% lighter version of the original color is **28.9810, 28.8488, -8.4305**, and **5.0947, 9.2458, -0.7467** is the 20% darker color. If you saturate the color by 10%, you get **13.6864, 25.5967, -7.8867**, and if you desaturate by 10%, it is **14.3554, 23.7896, -7.8270**.

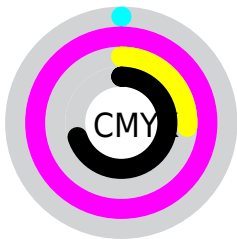
Distribution



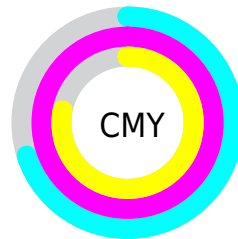
- Red (30%)
- Green (0%)
- Blue (22%)



- Red (30%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6864, 25.5968, -7.8872 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 13.6864, 25.5968, -7.8872 by changing the saturation by 10% instead.

■ 13.6864, 25.5968,
-7.8872

■ 13.6864, 25.5968,
-7.8872

■ 106.2808, 36.9471,
-8.4923

■ 7.2955, 26.1148,
-8.2462

■ 28.9872, 28.9042,
-8.5162

0.0000, INF, -NF

0.0000, NaN, NaN

■ 37.9534, 30.3955,
-8.7125

0.0000, NaN, NaN

■ 47.6907, 31.7595,
-8.8330

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.1422, 33.0029,
-8.8837

0.0000, NaN, NaN

■ 69.2623, 34.1346,
-8.8703

0.0000, NaN, NaN

■ 81.0127, 35.1638,

0.0000, NaN, NaN

-8.7978

93.3615, 36.0989,
-8.6705

13.6864, 25.5968,
-7.8872

13.6864, 25.5968,
-7.8872

13.6864, 25.5967,
-7.8867

14.3554, 23.7896,
-7.8270

15.0595, 21.9998,
-7.7170

15.9800, 19.6900,
-7.2567

17.1149, 16.9774,
-6.4816

18.4437, 14.0142,
-5.4604

■ 19.9435, 10.9221,
-4.2581

■ 21.5920, 7.7867,
-2.9283

■ 23.3691, 4.6615,
-1.5110

■ 25.2577, 1.5761,
-0.0348

Harmonies

Analogous

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



13.6868, 15.9623, -25.2791



13.6864, 25.5968, -7.8872



13.6868, 27.0536, 3.9288

Triad

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



13.6868, 25.5957, -7.8866



13.6868, -4.3773, 9.5807



13.6868, -13.4420, -19.9261

Complementary

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



13.6864, 25.5968, -7.8872



23.1480, -19.0700, 12.2342

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.



13.6868, -16.3107, -3.4538



13.6864, 25.5968, -7.8872



13.6868, -11.9684, 9.5807

Square

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



13.6868, 25.5957, -7.8866



13.6868, 7.1257, 9.5807



13.6868, -15.7820, 5.9516



13.6868, -7.1376, -35.2626

Rectangle

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



13.6864, 25.5968, -7.8872



13.6868, 22.8191, 8.0656



13.6868, -15.7820, 5.9516



13.6868, -14.7457, -13.9681

Sweetspot

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



13.6868, 25.5957, -7.8866



27.8888, 10.5888, -4.0096



8.2275, 20.5995, -45.1666



14.0383, 5.9098, -2.2640



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.



13.6868, 25.5957, -7.8866



17.7970, 33.2270, -9.8105



12.7505, 22.2094, 5.3278



13.1169, 0.5989, 0.0859



18.2749, 34.1140, -10.0334



44.3152, 82.4304, -22.0561

Inverse Universe

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



13.6868, 25.5957, -7.8866



17.7970, 33.2270, -9.8105



23.6870, -15.7452, 4.3834



13.1169, 0.5989, 0.0859



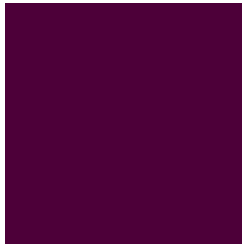
18.2749, 34.1140, -10.0334



44.3152, 82.4304, -22.0561

Previews

White Background



This preview shows how the HunterLab color 13.6864, 25.5968, -7.8872 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

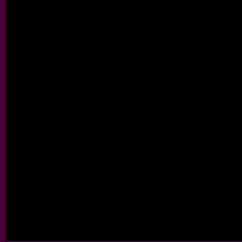
Any Text WCAG AA × Fail

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 13.6864, 25.5968, -7.8872 Background



This preview shows how black text looks on a background with the HunterLab color 13.6864, 25.5968, -7.8872.



This preview shows how white text looks on a background with the HunterLab color 13.6864, 25.5968, -7.8872.

-7.8872.

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

13.6864, 25.5968, -7.8872

Protanopia

14.9360, 3.4427, -21.6380

Deuteranopia

15.1461, 0.7255, -3.8392



Tritanopia

14.6138, 15.3864, 5.7683

Trichromacy



Original Color

13.6864, 25.5968, -7.8872

Protanomaly

12.6273, 11.1791, -20.8104

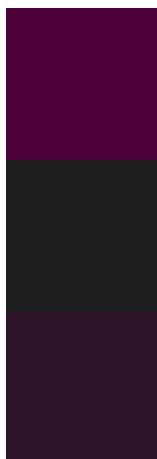
Deuteranomaly

13.2741, 10.4348, -7.2264

Tritanomaly

14.0640, 19.2512, 1.9668

Monochromacy



Original Color

13.6864, 25.5968, -7.8872

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.0602, 9.5037, -3.7798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6864, 25.5968, -7.8872 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(77, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 57)  
}
```

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(77, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6864, 25.5968, -7.8872 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(77, 0, 57) }
```


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

```
.border{ border-color:rgb(77, 0, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 57); box-shadow:4px  
4px 4px 4px rgb(77, 0, 57) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.6864, 25.5968, -7.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 57) }
```

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

```
.background{ background-color: rgb(77, 0,  
57) }
```

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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