

Converting Colors

HunterLab(13.6413, 25.5881,
-8.4482)

Have a look what the booklet for
HunterLab(13.6413, 25.5881,
-8.4482) contains.

HunterLab(13.7232, 25.7274, -8.3880)	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>	31

Color

**HunterLab(13.7232, 25.7274,
-8.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	4D003A
RGB	77, 0, 58
RGB Percent	30%, 0%, 23%
CMY	0.6980, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.25, 0.70
HSL	315°, 100%, 15%
HSV	315°, 100%, 30%
XYZ	3.8243, 1.8833, 4.1649
YIQ	29.6350, 27.2740, 34.3620

Conversions

Conversions Part 2

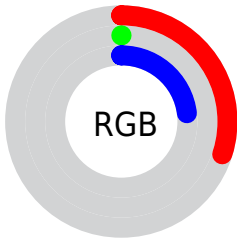
Format	Color
R_{YB}	77, 0, 58
Decimal	5046330
CIE _{Lab}	14.86, 38.30, -14.18
CIE _{LCh}	15, 40.843, 339.691
Yxy	1.8834, 0.3874, 0.1908
Android (android.graphics.Color)	4283236410 (0xFF4D003A)
YUV	29.6350, 13.9839, 41.5391
Hunter-Lab	13.7232, 25.7274, -8.3880

Details

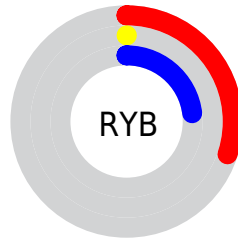
The HunterLab color **13.7232, 25.7274, -8.3880** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.1405, -19.1171, 12.3454**, and the grayscale version is **11.2338, -0.5994, 0.6104**.

A 20% lighter version of the original color is **29.0162, 29.0049, -8.9209**, and **5.1193, 9.3345, -1.0921** is the 20% darker color. If you saturate the color by 10%, you get **13.7232, 25.7273, -8.3875**, and if you desaturate by 10%, it is **14.3882, 23.9130, -8.2744**.

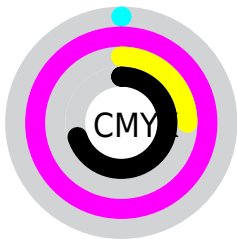
Distribution



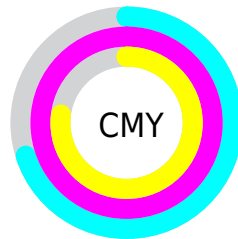
- Red (30%)
- Green (0%)
- Blue (23%)



- Red (30%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7232, 25.7274, -8.3880 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 13.7232, 25.7274, -8.3880 by changing the saturation by 10% instead.

13.7232, 25.7274,
-8.3880

13.7232, 25.7274,
-8.3880

106.3536, 37.1184,
-9.1977

7.3372, 26.1636,
-8.7327

29.0345, 29.0423,
-9.0579

0.0000, INF, -NF

0.0000, NaN, NaN

38.0051, 30.5383,
-9.2783

0.0000, NaN, NaN

47.7464, 31.9071,
-9.4231

0.0000, NaN, NaN

0.0000, NaN, NaN

58.2018, 33.1553,
-9.4979

0.0000, NaN, NaN

69.3254, 34.2918,
-9.5081

0.0000, NaN, NaN

81.0793, 35.3258,

0.0000, NaN, NaN

-9.4587

■ 93.4312, 36.2656,
-9.3539

■ 13.7232, 25.7274,
-8.3880

■ 13.7232, 25.7274,
-8.3880

■ 13.7232, 25.7273,
-8.3875

■ 14.3882, 23.9130,
-8.2744

■ 15.0883, 22.1139,
-8.1114

■ 16.0046, 19.7931,
-7.5952

■ 17.1354, 17.0678,
-6.7637

■ 18.4601, 14.0903,
-5.6875

■ 19.9560, 10.9830,
-4.4329

■ 21.6010, 7.8319,
-3.0541

■ 23.3749, 4.6911,
-1.5914

■ 25.2605, 1.5906,
-0.0733

Harmonies

Analogous

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



13.7236, 15.8242, -26.0484



13.7232, 25.7274, -8.3880



13.7236, 27.4495, 3.7566

Triad

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



13.7236, 25.7263, -8.3874



13.7236, -4.1597, 9.6065



13.7236, -13.6539, -19.7121

Complementary

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



13.7232, 25.7274, -8.3880



23.1405, -19.1171, 12.3454

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.



13.7236, -16.4581, -3.1500



13.7232, 25.7274, -8.3880



13.7236, -11.9191, 9.6065

Square

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



13.7236, 25.7263, -8.3874



13.7236, 7.5317, 9.6065



13.7236, -15.8370, 6.1481



13.7236, -7.4113, -35.4622

Rectangle

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



13.7232, 25.7274, -8.3880



13.7236, 23.3075, 7.9770



13.7236, -15.8370, 6.1481



13.7236, -14.9405, -13.6865

Sweetspot

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



13.7236, 25.7263, -8.3874



27.9009, 10.6500, -4.1802



8.1500, 20.5285, -45.6968



14.0450, 5.9436, -2.3588



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.



13.7236, 25.7263, -8.3874



17.8461, 33.4015, -10.4797



12.7684, 22.2751, 5.0670



13.1181, 0.6053, 0.0688



18.3254, 34.2936, -10.7222



44.4436, 82.8880, -23.8150

Inverse Universe

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



13.7236, 25.7263, -8.3874



17.8461, 33.4015, -10.4797



23.6599, -15.9105, 4.7739



13.1181, 0.6053, 0.0688



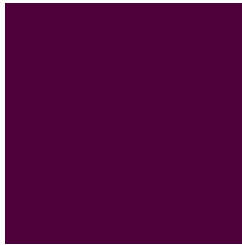
18.3254, 34.2936, -10.7222



44.4436, 82.8880, -23.8150

Previews

White Background



This preview shows how the HunterLab color 13.7232, 25.7274, -8.3880 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

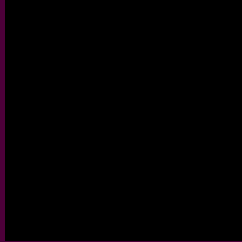
Any Text WCAG AA × Fail

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 13.7232, 25.7274, -8.3880 Background



This preview shows how black text looks on a background with the HunterLab color 13.7232, 25.7274, -8.3880.



This preview shows how white text looks on a background with the HunterLab color 13.7232, 25.7274, -8.3880.

-8.3880.

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

13.7232, 25.7274, -8.3880

Protanopia

14.9276, 3.5172, -22.4458

Deuteranopia

15.1114, 0.6699, -4.3699



Tritanopia

14.6102, 14.6924, 5.7531

Trichromacy



Original Color

13.7232, 25.7274, -8.3880

Protanomaly

12.6031, 11.2220, -21.6911

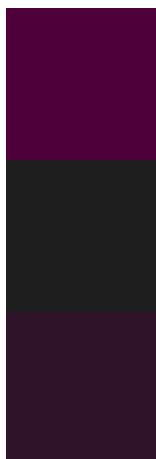
Deuteranomaly

13.3098, 10.6003, -7.7139

Tritanomaly

14.0174, 18.6499, 1.9042

Monochromacy



Original Color

13.7232, 25.7274, -8.3880

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 13.7232, 25.7274, -8.3880 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 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(77, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7232, 25.7274, -8.3880 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, 58) }
```


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

```
.border{ border-color:rgb(77, 0, 58) }
```

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, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 58); box-shadow:4px  
4px 4px 4px rgb(77, 0, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7232, 25.7274, -8.3880 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, 58) }
```

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

```
.background{ background-color: rgb(77, 0,  
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](#).

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