

Converting Colors

HunterLab(13.8111, 25.4116,
-4.7169)

Have a look what the booklet for
HunterLab(13.8111, 25.4116,
-4.7169) contains.

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Color

**HunterLab(13.7887, 25.3469,
-4.5269)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0033
RGB	79, 0, 51
RGB Percent	31%, 0%, 20%
CMY	0.6902, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.35, 0.69
HSL	321°, 100%, 15%
HSV	321°, 100%, 31%
XYZ	3.8220, 1.9013, 3.2975
YIQ	29.4350, 30.7130, 32.6090

Conversions

Conversions Part 2

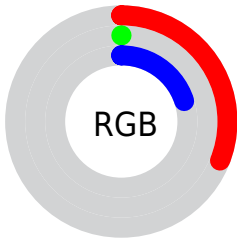
Format	Color
R_{YB}	79, 0, 51
Decimal	5177395
CIE _{Lab}	14.96, 37.85, -8.96
CIE _{LCh}	15, 38.893, 346.681
Yxy	1.9014, 0.4237, 0.2108
Android (android.graphics.Color)	4283367475 (0xFF4F0033)
YUV	29.4350, 10.6315, 43.4685
Hunter-Lab	13.7887, 25.3469, -4.5269

Details

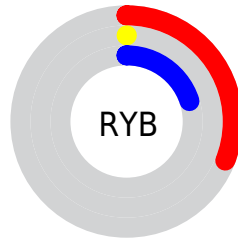
The HunterLab color **13.7887, 25.3469, -4.5269** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.8241, -19.1721, 11.6098**, and the grayscale version is **11.1812, -0.5966, 0.6075**.

A 20% lighter version of the original color is **29.0185, 28.4698, -4.7274**, and **5.2746, 9.0744, 3.0862** is the 20% darker color. If you saturate the color by 10%, you get **13.7886, 25.3468, -4.5262**, and if you desaturate by 10%, it is **14.4856, 23.5883, -4.8454**.

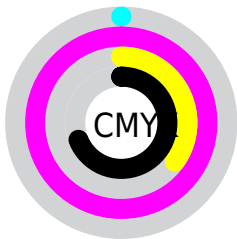
Distribution



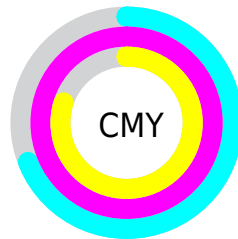
- Red (31%)
- Green (0%)
- Blue (20%)



- Red (31%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (69%)













- Cyan (69%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7887, 25.3469, -4.5269 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 13.7887, 25.3469, -4.5269 by changing the saturation by 10% instead.

 13.7887, 25.3469, -4.5269	 13.7887, 25.3469, -4.5269
 106.4832, 36.5790, -3.4499	 7.4109, 25.6160, -4.8009
 29.1186, 28.6329, -4.7722	0.0000, INF, -NF
	0.0000, NaN, NaN
 38.0970, 30.1100, -4.7675	0.0000, NaN, NaN
	0.0000, NaN, NaN
 47.8457, 31.4596, -4.6908	0.0000, NaN, NaN
	0.0000, NaN, NaN
 58.3078, 32.6886, -4.5499	0.0000, NaN, NaN
	0.0000, NaN, NaN
 69.4378, 33.8063, -4.3507	0.0000, NaN, NaN
	0.0000, NaN, NaN
 81.1977, 34.8219,	0.0000, NaN, NaN

-4.0984

93.5553, 35.7437,
-3.7970

13.7887, 25.3469,
-4.5269

13.7887, 25.3469,
-4.5269

13.7886, 25.3468,
-4.5262

14.4856, 23.5883,
-4.8454

15.2267, 21.8324,
-5.1050

16.1968, 19.5392,
-5.0241

17.3901, 16.8396,
-4.6264

18.7839, 13.8899,
-3.9681

■ 20.3537, 10.8136,
-3.1069

■ 22.0761, 7.6957,
-2.0927

■ 23.9299, 4.5887,
-0.9651

■ 25.8973, 1.5212,
0.2463

Harmonies

Analogous

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



13.7891, 17.5230, -20.3827



13.7887, 25.3469, -4.5269



13.7891, 24.8357, 5.2490

Triad

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



13.7891, 25.3456, -4.5264



13.7891, -6.1302, 9.6524



13.7891, -12.1504, -22.2352

Complementary

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



13.7887, 25.3469, -4.5269



23.8241, -19.1721, 11.6098

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.



13.7891, -15.5257, -6.0839



13.7887, 25.3469, -4.5269



13.7891, -12.6854, 9.6524

Square

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



13.7891, 25.3456, -4.5264



13.7891, 4.2990, 9.6524



13.7891, -15.7123, 4.5228



13.7891, -5.1393, -34.7800

Rectangle

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



13.7887, 25.3469, -4.5269



13.7891, 19.7997, 8.8823



13.7891, -15.7123, 4.5228



13.7891, -13.6091, -16.6650

Sweetspot

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



13.7891, 25.3456, -4.5264



28.5312, 10.4639, -2.8762



8.9813, 21.6630, -42.9189



13.9901, 5.6683, -1.5857



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.



13.7891, 25.3456, -4.5264



17.9341, 32.8958, -5.3346



12.9945, 22.4529, 6.8344



13.1082, 0.5521, 0.2095



43.4550, 79.3494, -10.1476

Inverse Universe

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



13.7891, 25.3456, -4.5264



17.9341, 32.8958, -5.3346



24.4930, -15.0693, 1.9168



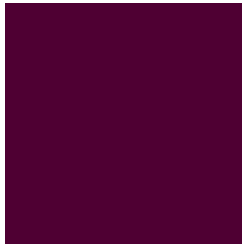
13.1082, 0.5521, 0.2095



43.4550, 79.3494, -10.1476

Previews

White Background



This preview shows how the HunterLab color 13.7887, 25.3469, -4.5269 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

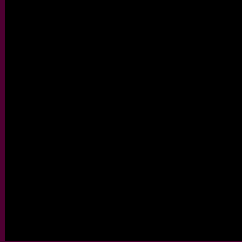
Any Text WCAG AA × Fail

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 13.7887, 25.3469, -4.5269 Background



This preview shows how black text looks on a background with the HunterLab color 13.7887, 25.3469, -4.5269.



This preview shows how white text looks on a background with the HunterLab color 13.7887, 25.3469, -4.5269.

-4.5269.

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

13.7887, 25.3469, -4.5269

Protanopia

15.2112, 2.4174, -15.1537

Deuteranopia

15.2531, 0.7463, -1.0416



Tritanopia

14.6022, 16.5718, 6.4072

Trichromacy



Original Color

13.7887, 25.3469, -4.5269

Protanomaly

13.1331, 10.9393, -14.2933

Deuteranomaly

13.4983, 10.6309, -3.7788

Tritanomaly

14.1839, 19.8100, 3.3748

Monochromacy



Original Color

13.7887, 25.3469, -4.5269

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

10.8191, 9.4860, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7887, 25.3469, -4.5269 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(79, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 51)  
}
```

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(79, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7887, 25.3469, -4.5269 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(79, 0, 51) }
```

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

```
.border{ border-color:rgb(79, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 51); box-shadow:4px  
4px 4px 4px rgb(79, 0, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7887, 25.3469, -4.5269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 51) }
```

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

```
.background{ background-color: rgb(79, 0,  
51) }
```

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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