

Converting Colors

HunterLab(12.8802, 18.3671,
7.4920)

Have a look what the booklet for
HunterLab(12.8802, 18.3671,
7.4920) contains.

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Color

**HunterLab(12.9010, 18.3033,
7.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0906
RGB	74, 9, 6
RGB Percent	29%, 4%, 2%
CMY	0.7098, 0.9647, 0.9765
CMYK	0.00, 0.88, 0.92, 0.71
HSL	3°, 85%, 16%
HSV	3°, 92%, 29%
XYZ	2.9546, 1.6644, 0.3378
YIQ	28.0930, 39.7030, 12.8470

Conversions

Conversions Part 2

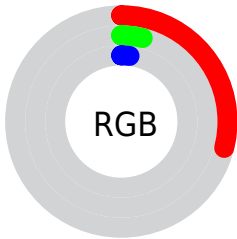
Format	Color
R_{YB}	74, 9, 6
Decimal	4851974
CIE _{Lab}	13.62, 29.55, 18.65
CIE _{LCh}	14, 34.943, 32.250
Yxy	1.6645, 0.5961, 0.3358
Android (android.graphics.Color)	4283042054 (0xFF4A0906)
YUV	28.0930, -10.8918, 40.2604
Hunter-Lab	12.9010, 18.3033, 7.4782

Details

The HunterLab color **12.9010, 18.3033, 7.4782** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.4475, -10.9425, -3.4711**, and the grayscale version is **10.8292, -0.5778, 0.5884**.

A 20% lighter version of the original color is **28.0256, 21.0971, 11.0127**, and **1.7962, 3.0761, 1.1607** is the 20% darker color. If you saturate the color by 10%, you get **12.3565, 19.6842, 7.9586**, and if you desaturate by 10%, it is **13.6339, 16.5400, 6.9754**.

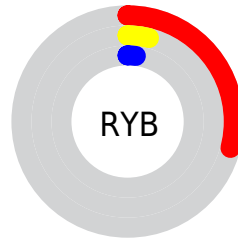
Distribution



Red (29%)

Green (4%)

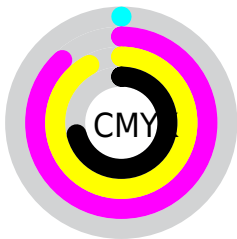
Blue (2%)



Red (29%)

Yellow (4%)

Blue (2%)

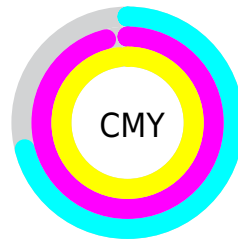


Cyan (0%)

Magenta (88%)

Yellow (92%)

Black (71%)



Cyan (71%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9010, 18.3033, 7.4782 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 12.9010, 18.3033, 7.4782 by changing the saturation by 10% instead.

12.9010, 18.3033,
7.4782

12.9010, 18.3033,
7.4782

104.7142, 26.7396,
22.4277

6.3284, 20.7930,
4.4299

27.9747, 21.0242,
10.9448

0.0000, INF, NaN

0.0000, NaN, NaN

36.8446, 22.1736,
12.7438

0.0000, NaN, NaN

46.4934, 23.1921,
14.4583

0.0000, NaN, NaN

0.0000, NaN, NaN

56.8625, 24.0932,
16.1142

0.0000, NaN, NaN


67.9051, 24.8889,
17.7287


0.0000, NaN, NaN


0.0000, NaN, NaN


79.5824, 25.5897,


19.3137


 91.8614, 26.2041,
20.8779


 12.9010, 18.3033,
7.4782


 12.9010, 18.3033,
7.4782


 12.3565, 19.6842,
7.9586

 13.6339, 16.5400,
6.9754

 14.5878, 14.4463,
6.3977

 15.7497, 12.1729,
5.7350

 17.0952, 9.8366,
5.0280

 18.5991, 7.5158,
4.3067

■ 20.2388, 5.2554,
3.5899

■ 21.9946, 3.0761,
2.8881

■ 23.8501, 0.9836,
2.2059

■ 25.7920, -1.0251,
1.5446

Harmonies

Analogous

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



12.9014, 22.6305, 1.3558



12.9010, 18.3033, 7.4782



12.9014, 8.7914, 9.0310

Triad

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



12.9014, 18.3018, 7.4784



12.9014, -13.1973, 6.7148



12.9014, 0.0243, -30.7265

Complementary

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



12.9010, 18.3033, 7.4782



22.4475, -10.9425, -3.4711

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.



12.9014, -8.0365, -25.4422



12.9010, 18.3033, 7.4782



12.9014, -14.5456, 0.0127

Square

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



12.9014, 18.3018, 7.4784



12.9014, -8.9475, 9.0310



12.9014, -12.7339, -12.1585



12.9014, 10.3711, -23.7402

Rectangle

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



12.9010, 18.3033, 7.4782



12.9014, 1.8251, 9.0310



12.9014, -12.7339, -12.1585



12.9014, -3.0243, -30.3226

Sweetspot

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



12.9014, 18.3018, 7.4784



27.3449, 6.1204, 4.4766



14.3195, 25.4280, -15.9276



13.4720, 3.4052, 2.3543



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.



12.9014, 18.3018, 7.4784



16.2138, 26.2930, 10.4511



17.7309, 6.1621, 10.4575



13.0886, 0.1789, 1.0663



17.0957, 27.8058, 11.0211



41.1832, 69.1535, 26.5875

Inverse Universe

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



22.4475, -10.9425, -3.4711



29.3648, -14.7104, -4.9481



13.7925, 1.6914, -19.3207



13.7125, -1.5629, 0.4018



30.9838, -15.5153, -5.2340



75.1896, -37.4822, -13.0672

Previews

White Background



This preview shows how the HunterLab color 12.9010, 18.3033, 7.4782 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

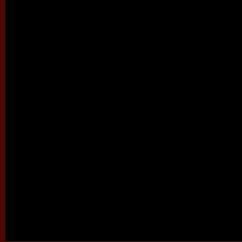
Any Text WCAG AA × Fail

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 12.9010, 18.3033, 7.4782 Background



This preview shows how black text looks on a background with the HunterLab color 12.9010, 18.3033, 7.4782.

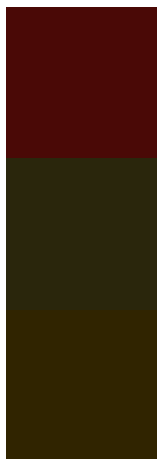


This preview shows how white text looks on a background with the HunterLab color 12.9010, 18.3033,

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

12.9010, 18.3033, 7.4782

Protanopia

13.8022, -1.9831, 6.9760

Deuteranopia

13.7482, -0.0424, 8.4708



Tritanopia

12.9095, 18.3373, 7.3526

Trichromacy



Original Color

12.9010, 18.3033, 7.4782

Protanomaly

12.6097, 5.7921, 6.5212

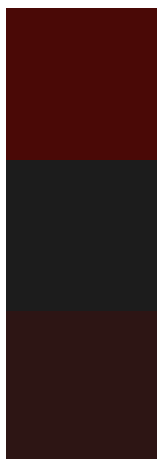
Deuteranomaly

12.7005, 6.8346, 7.6775

Tritanomaly

12.9095, 18.3373, 7.3526

Monochromacy



Original Color

12.9010, 18.3033, 7.4782

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.6992, 5.9116, 3.0288

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9010, 18.3033, 7.4782 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(74, 9, 6)` looks like.

```
.text, #text, p{  
    color:rgb(74, 9, 6)  
}
```

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(74, 9, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 9, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9010, 18.3033, 7.4782 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(74, 9, 6) }
```


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

```
.border{ border-color:rgb(74, 9, 6) }
```

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

Here you see how a box with a 4 pixel rgb(74, 9, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 9, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 9, 6); box-shadow:4px  
4px 4px 4px rgb(74, 9, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9010, 18.3033, 7.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 9, 6) }
```

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

```
.background{ background-color: rgb(74, 9,  
6) }
```

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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