

Converting Colors

HunterLab(12.5619, 21.6796,
6.8237)

Have a look what the booklet for
HunterLab(12.5619, 21.6796,
6.8237) contains.

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Color

**HunterLab(12.4836, 21.5542,
6.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	4C000A
RGB	76, 0, 10
RGB Percent	30%, 0%, 4%
CMY	0.7020, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.87, 0.70
HSL	352°, 100%, 15%
HSV	352°, 100%, 30%
XYZ	3.0353, 1.5584, 0.4280
YIQ	23.8640, 42.0860, 19.2220

Conversions

Conversions Part 2

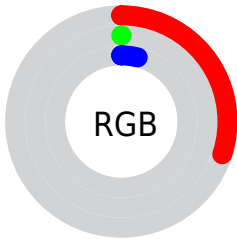
Format	Color
R_{YB}	76, 0, 10
Decimal	4980746
CIE Lab	12.98, 33.74, 16.25
CIE LCh	13, 37.448, 25.717
Yxy	1.5585, 0.6044, 0.3103
Android (android.graphics.Color)	4283170826 (0xFF4C000A)
YUV	23.8640, -6.8350, 45.7233
Hunter-Lab	12.4836, 21.5542, 6.7059

Details

The HunterLab color **12.4836, 21.5542, 6.7059** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.5845, -14.2683, 1.3235**, and the grayscale version is **9.5279, -0.5084, 0.5177**.

A 20% lighter version of the original color is **27.3279, 24.6774, 9.6995**, and **2.4099, 4.1271, 1.5572** is the 20% darker color. If you saturate the color by 10%, you get **12.4835, 21.5539, 6.7064**, and if you desaturate by 10%, it is **13.1939, 19.6767, 6.1645**.

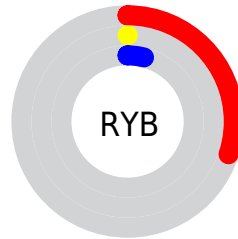
Distribution



Red (30%)

Green (0%)

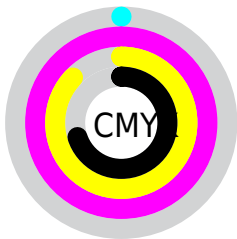
Blue (4%)



Red (30%)

Yellow (0%)

Blue (4%)

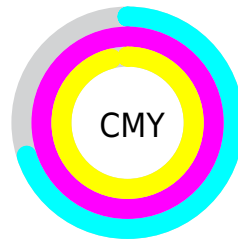


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4836, 21.5542, 6.7059 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 12.4836, 21.5542, 6.7059 by changing the saturation by 10% instead.

■ 12.4836, 21.5542,
6.7059

■ 12.4836, 21.5542,
6.7059

■ 103.8719, 31.5727,
20.3606

■ 5.7391, 26.4225,
4.0174

■ 27.4333, 24.6074,
9.8761

0.0000, INF, NaN

0.0000, NaN, NaN

■ 36.2508, 25.9463,
11.4953

0.0000, NaN, NaN

■ 45.8514, 27.1535,
13.0469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1758, 28.2393,
14.5534

0.0000, NaN, NaN


■ 67.1764, 29.2147,
16.0292


0.0000, NaN, NaN


■ 78.8139, 30.0897,


0.0000, NaN, NaN


17.4846


 91.0552, 30.8732,
18.9266


 12.4836, 21.5542,
6.7059


 12.4836, 21.5542,
6.7059


 12.4835, 21.5539,
6.7064

 13.1939, 19.6767,
6.1645

 13.9521, 17.9422,
5.4217

 14.9475, 15.8150,
4.6681

 16.1725, 13.4152,
3.9628

 17.5995, 10.8837,
3.3353

■ 19.2005, 8.3200,
2.7971

■ 20.9497, 5.7841,
2.3482

■ 22.8250, 3.3067,
1.9819

■ 24.8083, 0.8996,
1.6893

Harmonies

Analogous

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



12.4840, 24.5788, -0.7513



12.4836, 21.5542, 6.7059



12.4840, 11.9795, 8.7388

Triad

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



12.4840, 21.5526, 6.7061



12.4840, -13.1257, 8.3147



12.4840, -2.0582, -34.2693

Complementary

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



12.4836, 21.5542, 6.7059



23.5845, -14.2683, 1.3235

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.



12.4840, -9.6880, -25.4850



12.4836, 21.5542, 6.7059



12.4840, -15.3602, 1.9588

Square

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



12.4840, 21.5526, 6.7061



12.4840, -7.9049, 8.7388



12.4840, -14.1020, -10.0199



12.4840, 8.7225, -29.1589

Rectangle

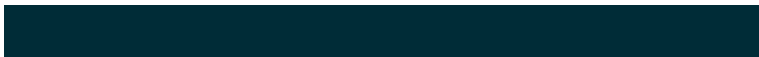
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.4836, 21.5542, 6.7059



12.4840, 4.3900, 8.7388



12.4840, -14.1020, -10.0199



12.4840, -5.0281, -32.7317

Sweetspot

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



12.4840, 21.5526, 6.7061



27.3836, 8.0180, 3.1625



12.9443, 26.1963, -22.8833



13.7598, 4.5034, 1.6875



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.



12.4840, 21.5526, 6.7061



16.4540, 28.3558, 9.2535



15.3650, 12.5248, 9.6866



13.0624, 0.3051, 0.8623



16.8965, 29.1142, 9.5353



41.0306, 70.4968, 24.7243

Inverse Universe

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



12.4840, 21.5526, 6.7061



16.4540, 28.3558, 9.2535



16.2689, -2.5000, -14.9370



13.0624, 0.3051, 0.8623



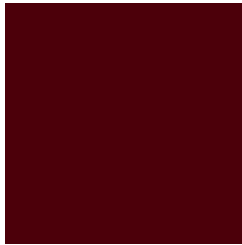
16.8965, 29.1142, 9.5353



41.0306, 70.4968, 24.7243

Previews

White Background



This preview shows how the HunterLab color 12.4836, 21.5542, 6.7059 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

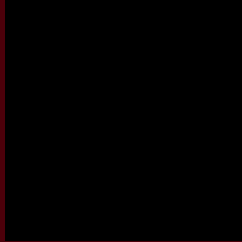
Any Text WCAG AA × Fail

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 12.4836, 21.5542, 6.7059 Background



This preview shows how black text looks on a background with the HunterLab color 12.4836, 21.5542, 6.7059.

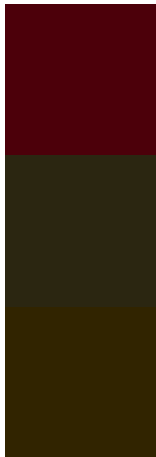


This preview shows how white text looks on a background with the HunterLab color 12.4836, 21.5542,

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

12.4836, 21.5542, 6.7059

Protanopia

13.9294, -1.4313, 6.3009

Deuteranopia

13.8373, 0.2621, 8.5311



Tritanopia

12.9941, 19.2472, 8.3438

Trichromacy



Original Color

12.4836, 21.5542, 6.7059

Protanomaly

12.2360, 7.4925, 5.6578

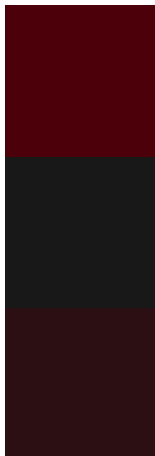
Deuteranomaly

12.4554, 8.7563, 7.2815

Tritanomaly

12.7754, 20.2000, 7.6927

Monochromacy



Original Color

12.4836, 21.5542, 6.7059

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.4987, 7.5180, 2.1391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4836, 21.5542, 6.7059 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(76, 0, 10)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 10)  
}
```

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(76, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4836, 21.5542, 6.7059 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(76, 0, 10) }
```


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

```
.border{ border-color:rgb(76, 0, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 10); box-shadow:4px  
4px 4px 4px rgb(76, 0, 10) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4836, 21.5542, 6.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 10) }
```

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

```
.background{ background-color: rgb(76, 0,  
10) }
```

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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