

Converting Colors

HunterLab(12.9500, 22.2747,
7.6126)

Have a look what the booklet for
HunterLab(12.9500, 22.2747,
7.6126) contains.

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Color

**HunterLab(12.9438, 22.2682,
7.5765)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0006
RGB	79, 0, 6
RGB Percent	31%, 0%, 2%
CMY	0.6902, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.92, 0.69
HSL	355°, 100%, 15%
HSV	355°, 100%, 31%
XYZ	3.2573, 1.6754, 0.3240
YIQ	24.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

Format	Color
RYB	79, 0, 6
Decimal	5177350
CIELab	13.68, 34.47, 18.96
CIELCh	14, 39.335, 28.811
Yxy	1.6755, 0.6196, 0.3187
Android (android.graphics.Color)	4283367430 (0xFF4F0006)
YUV	24.3050, -9.0244, 47.9675
Hunter-Lab	12.9438, 22.2682, 7.5765

Details

The HunterLab color **12.9438, 22.2682, 7.5765** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **24.6436, -14.1620, -0.2299**, and the grayscale version is **9.6669, -0.5158, 0.5252**.

A 20% lighter version of the original color is **28.0242, 25.4945, 11.0885**, and **3.4521, 5.9118, 2.2307** is the 20% darker color. If you saturate the color by 10%, you get **12.9437, 22.2680, 7.5771**, and if you desaturate by 10%, it is **13.6518, 20.3669, 7.0705**.

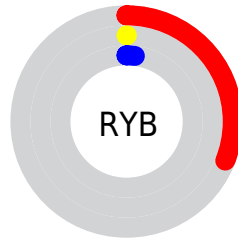
Distribution



Red (31%)

Green (0%)

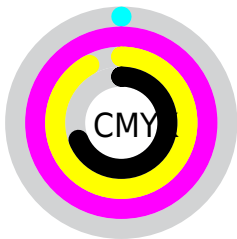
Blue (2%)



Red (31%)

Yellow (0%)

Blue (2%)

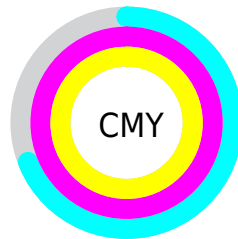


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9438, 22.2682, 7.5765 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 12.9438, 22.2682, 7.5765 by changing the saturation by 10% instead.

12.9438, 22.2682,
7.5765

12.9438, 22.2682,
7.5765

104.8002, 32.4737,
22.6899

6.3854, 24.9224,
4.4698

28.0301, 25.3576,
11.0768

0.0000, INF, NaN

0.0000, NaN, NaN

36.9054, 26.7170,
12.8993

0.0000, NaN, NaN

46.5590, 27.9455,
14.6350

0.0000, NaN, NaN

0.0000, NaN, NaN

56.9327, 29.0531,
16.3104

0.0000, NaN, NaN


67.9796, 30.0505,
17.9430


0.0000, NaN, NaN


79.6609, 30.9474,


0.0000, NaN, NaN


19.5450


 91.9438, 31.7527,
21.1251


 12.9438, 22.2682,
7.5765


 12.9438, 22.2682,
7.5765


 12.9437, 22.2680,
7.5771

 13.6518, 20.3669,
7.0705

 14.4214, 18.5605,
6.3736

 15.4493, 16.3307,
5.6132

 16.7234, 13.8213,
4.8534

 18.2140, 11.1837,
4.1342

■ 19.8908, 8.5239,
3.4773

■ 21.7260, 5.9044,
2.8902

■ 23.6957, 3.3563,
2.3719

■ 25.7802, 0.8904,
1.9172

Harmonies

Analogous

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



12.9442, 26.4216, 0.2985



12.9438, 22.2682, 7.5765



12.9442, 11.5565, 9.0610

Triad

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



12.9442, 22.2665, 7.5767



12.9442, -14.1258, 8.0293



12.9442, -1.1089, -37.1541

Complementary

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



12.9438, 22.2682, 7.5765



24.6436, -14.1620, -0.2299

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.



12.9442, -9.5992, -28.9918



12.9438, 22.2682, 7.5765



12.9442, -16.0368, 1.0979

Square

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



12.9442, 22.2665, 7.5767



12.9442, -9.0780, 9.0610



12.9442, -14.4005, -12.4454



12.9442, 10.5878, -30.1005

Rectangle

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



12.9438, 22.2682, 7.5765



12.9442, 3.4780, 9.0610



12.9442, -14.4005, -12.4454



12.9442, -4.3918, -36.0310

Sweetspot

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



12.9442, 22.2665, 7.5767



28.0588, 8.0559, 3.8446



13.9944, 27.9973, -22.2258



13.7380, 4.3923, 1.9999



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.



12.9442, 22.2665, 7.5767



16.8575, 28.9696, 10.1129



16.5697, 11.5741, 10.4122



13.0576, 0.2791, 0.9310



40.9660, 70.2576, 25.6806

Inverse Universe

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



12.9442, 22.2665, 7.5767



16.8575, 28.9696, 10.1129



15.8910, -0.9439, -17.8235



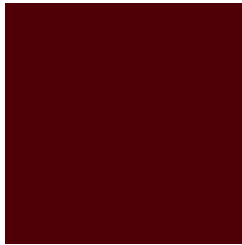
13.0576, 0.2791, 0.9310



40.9660, 70.2576, 25.6806

Previews

White Background



This preview shows how the HunterLab color 12.9438, 22.2682, 7.5765 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

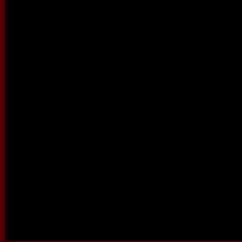
Any Text WCAG AA × Fail

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 12.9438, 22.2682, 7.5765 Background



This preview shows how black text looks on a background with the HunterLab color 12.9438, 22.2682, 7.5765.

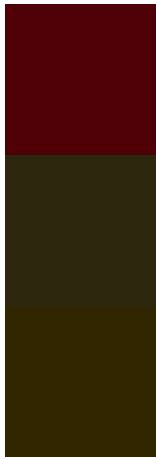


This preview shows how white text looks on a background with the HunterLab color 12.9438, 22.2682,

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

12.9438, 22.2682, 7.5765

Protanopia

14.5070, -1.8412, 7.3507

Deuteranopia

14.3678, -0.1907, 8.8500



Tritanopia

13.3104, 19.8603, 8.5495

Trichromacy



Original Color

12.9438, 22.2682, 7.5765

Protanomaly

12.5978, 7.5642, 6.5436

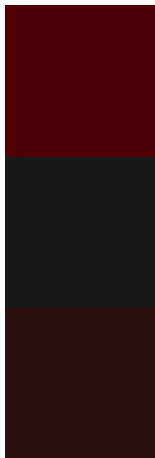
Deuteranomaly

12.8443, 8.9590, 7.8063

Tritanomaly

13.0802, 20.7276, 8.1625

Monochromacy



Original Color

12.9438, 22.2682, 7.5765

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.5791, 7.6607, 2.7543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9438, 22.2682, 7.5765 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, 6)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 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(79, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9438, 22.2682, 7.5765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

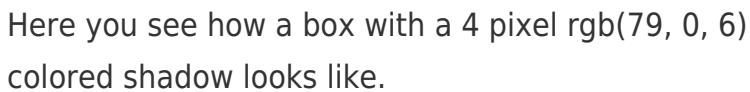
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 0, 6) }
```

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

```
.border{ border-color:rgb(79, 0, 6) }
```

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, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 6); box-shadow:4px  
4px 4px 4px rgb(79, 0, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9438, 22.2682, 7.5765 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, 6) }
```

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

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