

Converting Colors

HunterLab(12.0731, 14.3014,
7.6430)

Have a look what the booklet for
HunterLab(12.0731, 14.3014,
7.6430) contains.

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Color

**HunterLab(12.0254, 14.4420,
7.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	420D00
RGB	66, 13, 0
RGB Percent	26%, 5%, 0%
CMY	0.7412, 0.9490, 1.0000
CMYK	0.00, 0.80, 1.00, 0.74
HSL	12°, 100%, 13%
HSV	12°, 100%, 26%
XYZ	2.3907, 1.4461, 0.1531
YIQ	27.3650, 35.7610, 7.1930

Conversions

Conversions Part 2

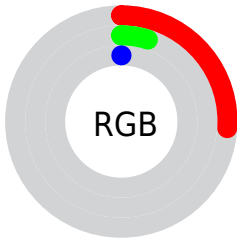
Format	Color
R_{YB}	66, 16, 0
Decimal	4328704
CIE Lab	12.26, 24.68, 18.95
CIE LCh	12, 31.117, 37.518
Yxy	1.4462, 0.5992, 0.3624
Android (android.graphics.Color)	4282518784 (0xFF420D00)
YUV	27.3650, -13.4909, 33.8829
Hunter-Lab	12.0254, 14.4420, 7.6628

Details

The HunterLab color **12.0254, 14.4420, 7.6628** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **17.1441, -6.5103, -7.3748**, and the grayscale version is **10.6138, -0.5663, 0.5767**.

A 20% lighter version of the original color is **26.8043, 16.6779, 10.8600**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0257, 14.4408, 7.6630**, and if you desaturate by 10%, it is **12.7091, 12.9301, 7.1735**.

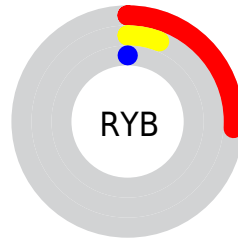
Distribution



Red (26%)

Green (5%)

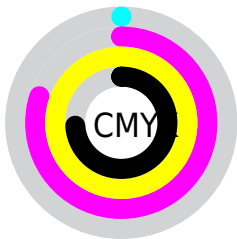
Blue (0%)



Red (26%)

Yellow (6%)

Blue (0%)

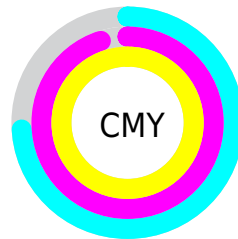


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0254, 14.4420, 7.6628 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 12.0254, 14.4420, 7.6628 by changing the saturation by 10% instead.

■ 12.0254, 14.4420,
7.6628

■ 12.0254, 14.4420,
7.6628

■ 102.9389, 21.1174,
22.4633

■ 5.0039, 21.2249,
3.5028

■ 26.8360, 16.7706,
10.8063

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5950, 17.7112,
12.6435

0.0000, NaN, NaN

■ 45.1419, 18.5235,
14.3893

0.0000, NaN, NaN

■ 55.4163, 19.2230,
16.0716

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.3700, 19.8225,
17.7091


0.0000, NaN, NaN


■ 77.9633, 20.3326,


0.0000, NaN, NaN


19.3145


 90.1625, 20.7619,
20.8969


 12.0254, 14.4420,
7.6628


 12.0254, 14.4420,
7.6628


 12.0257, 14.4408,
7.6630

 12.7091, 12.9301,
7.1735

 13.5087, 11.2336,
6.8195

 14.4292, 9.4889,
6.3760

 15.4605, 7.7600,
5.8242

 16.5900, 6.0799,
5.1868

■ 17.8056, 4.4669,
4.4834

■ 19.0970, 2.9288,
3.7295

■ 20.4550, 1.4665,
2.9368

■ 21.8718, 0.0768,
2.1142

Harmonies

Analogous

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



12.0258, 19.1148, 2.4425



12.0254, 14.4420, 7.6628



12.0258, 5.9393, 8.4180

Triad

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



12.0258, 14.4408, 7.6630



12.0258, -12.3123, 5.2323



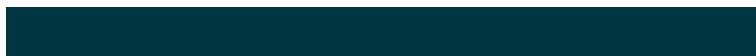
12.0258, 1.4725, -25.3957

Complementary

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



12.0254, 14.4420, 7.6628



17.1441, -6.5103, -7.3748

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.



12.0258, -6.0560, -22.7919



12.0254, 14.4420, 7.6628



12.0258, -13.0723, -1.4585

Square

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



12.0258, 14.4408, 7.6630



12.0258, -8.7608, 8.4180



12.0258, -10.8371, -12.3826



12.0258, 10.4375, -18.1259

Rectangle

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



12.0254, 14.4420, 7.6628



12.0258, 0.0423, 8.4180



12.0258, -10.8371, -12.3826



12.0258, -1.3119, -25.7004

Sweetspot

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



12.0258, 14.4408, 7.6630



24.9404, 4.1200, 5.0487



11.9317, 22.6575, -9.5322



12.5473, 2.2668, 2.6555



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.0258, 14.4408, 7.6630



15.5411, 19.9429, 9.9255



17.4432, 2.1077, 10.7853



11.7139, -0.0652, 1.0557



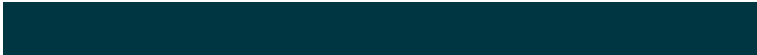
17.3342, 22.7340, 11.0793



42.1052, 61.0145, 27.0132

Inverse Universe

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



17.1441, -6.5103, -7.3748



22.3962, -8.3140, -10.0458



9.6230, 6.3409, -25.7160



12.0174, -1.1680, 0.2314



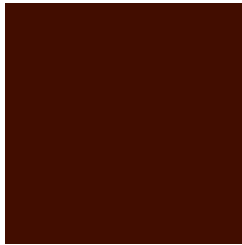
25.0655, -9.2278, -11.4095



61.7429, -21.7010, -30.3270

Previews

White Background



This preview shows how the HunterLab color 12.0254, 14.4420, 7.6628 looks on a white background.

Color Contrast Check

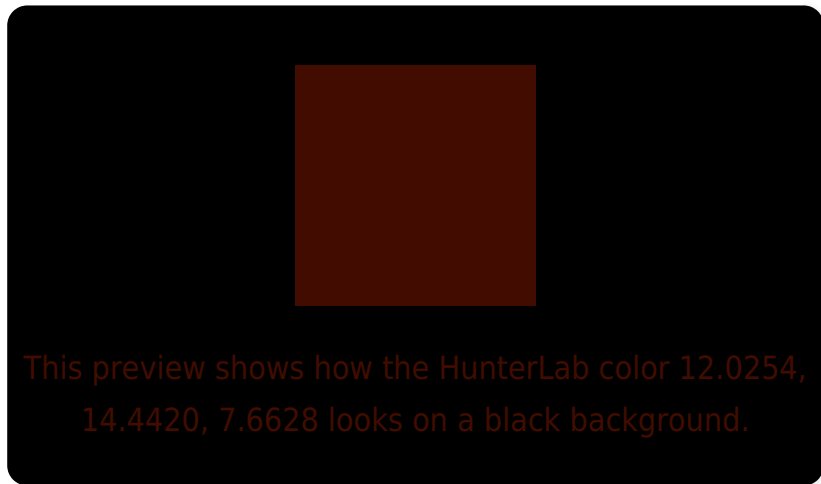
Large Text (above 18pt) WCAG AA ✓ Pass

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

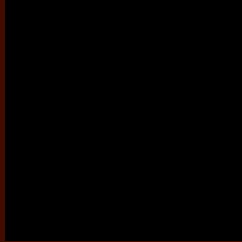
Any Text WCAG AA × Fail

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 12.0254, 14.4420, 7.6628 Background



This preview shows how black text looks on a background with the HunterLab color 12.0254, 14.4420, 7.6628.



This preview shows how white text looks on a background with the HunterLab color 12.0254, 14.4420,

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

12.0254, 14.4420, 7.6628

Protanopia

12.8489, -1.9032, 6.8240

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.0322, 15.2097, 5.9665

Trichromacy



Original Color

12.0254, 14.4420, 7.6628

Protanomaly

12.0324, 3.9542, 6.7761

Deuteranomaly

12.1196, 5.0888, 7.5571

Tritanomaly

11.9947, 15.0535, 6.5191

Monochromacy



Original Color

12.0254, 14.4420, 7.6628

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.4197, 4.0792, 3.4744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0254, 14.4420, 7.6628 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(66, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 13, 0)  
}
```

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(66, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 13, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0254, 14.4420, 7.6628 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(66, 13, 0) }
```


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

```
.border{ border-color:rgb(66, 13, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 13, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 13, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 13, 0); box-shadow:4px  
4px 4px 4px rgb(66, 13, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0254, 14.4420, 7.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 13, 0) }
```

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

```
.background{ background-color: rgb(66, 13,  
0) }
```

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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