

Converting Colors

HunterLab(11.5654, 26.3038,
5.6430)

Have a look what the booklet for
HunterLab(11.5654, 26.3038,
5.6430) contains.

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Color

**HunterLab(12.6761, 21.9375,
6.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	4D000D
RGB	77, 0, 13
RGB Percent	30%, 0%, 5%
CMY	0.6980, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.83, 0.70
HSL	350°, 100%, 15%
HSV	350°, 100%, 30%
XYZ	3.1332, 1.6068, 0.5258
YIQ	24.5050, 41.7190, 20.3670

Conversions

Conversions Part 2

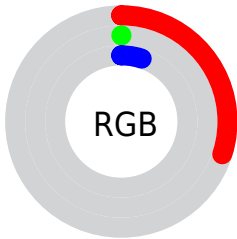
Format	Color
R_{YB}	77, 0, 13
Decimal	5046285
CIE _{Lab}	13.27, 34.15, 15.36
CIE _{LCh}	13, 37.443, 24.223
Yxy	1.6069, 0.5950, 0.3052
Android (android.graphics.Color)	4283236365 (0xFF4D000D)
YUV	24.5050, -5.6720, 46.0381
Hunter-Lab	12.6761, 21.9375, 6.4140

Details

The HunterLab color **12.6761, 21.9375, 6.4140** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.8285, -14.8860, 2.3518**, and the grayscale version is **9.7182, -0.5185, 0.5280**.

A 20% lighter version of the original color is **27.6713, 24.7714, 9.4681**, and **2.9252, 5.0094, 1.8902** is the 20% darker color. If you saturate the color by 10%, you get **12.6760, 21.9372, 6.4146**, and if you desaturate by 10%, it is **13.3919, 20.0855, 5.7959**.

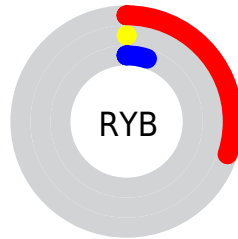
Distribution



Red (30%)

Green (0%)

Blue (5%)



Red (30%)

Yellow (0%)

Blue (5%)

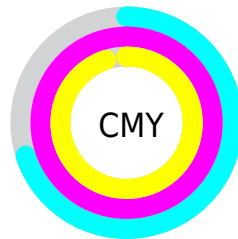


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6761, 21.9375, 6.4140 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 12.6761, 21.9375, 6.4140 by changing the saturation by 10% instead.

12.6761, 21.9375,
6.4140

12.6761, 21.9375,
6.4140

104.2612, 32.0705,
19.6610

6.0189, 25.7849,
4.2132

27.6833, 25.0130,
9.5547

0.0000, INF, NaN

0.0000, NaN, NaN

36.5251, 26.3648,
11.1036

0.0000, NaN, NaN

46.1480, 27.5853,
12.5926

0.0000, NaN, NaN

0.0000, NaN, NaN

56.4931, 28.6845,
14.0424

0.0000, NaN, NaN


67.5132, 29.6732,
15.4661


0.0000, NaN, NaN


79.1691, 30.5615,


0.0000, NaN, NaN


16.8731


 91.4278, 31.3581,
18.2698


 12.6761, 21.9375,
6.4140


 12.6761, 21.9375,
6.4140


 12.6760, 21.9372,
6.4146

 13.3919, 20.0855,
5.7959

 14.1586, 18.3563,
5.0021

 15.1662, 16.2123,
4.2307

 16.4056, 13.7793,
3.5377

 17.8493, 11.2014,
2.9475

■ 19.4689, 8.5812,
2.4666

■ 21.2385, 5.9816,
2.0902

■ 23.1359, 3.4352,
1.8082

■ 25.1425, 0.9555,
1.6087

Harmonies

Analogous

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



12.6765, 24.5506, -1.2837



12.6761, 21.9375, 6.4140



12.6765, 12.5712, 8.8736

Triad

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



12.6765, 21.9359, 6.4143



12.6765, -12.9609, 8.5489



12.6765, -2.5473, -34.0984

Complementary

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



12.6761, 21.9375, 6.4140



23.8285, -14.8860, 2.3518

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.



12.6765, -10.0412, -24.7656



12.6761, 21.9375, 6.4140



12.6765, -15.3243, 2.3899

Square

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



12.6765, 21.9359, 6.4143



12.6765, -7.6152, 8.8736



12.6765, -14.2564, -9.2885



12.6765, 8.1740, -29.6929

Rectangle

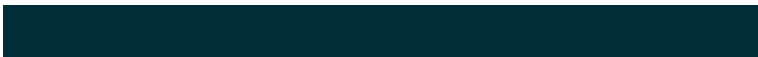
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.6761, 21.9375, 6.4140



12.6765, 4.9602, 8.8736



12.6765, -14.2564, -9.2885



12.6765, -5.4743, -32.3297

Sweetspot

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



12.6765, 21.9359, 6.4143



27.4109, 8.1585, 2.7703



12.6051, 25.8350, -24.8056



13.7747, 4.5795, 1.4737



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.



12.6765, 21.9359, 6.4143



16.4860, 28.4741, 8.7814



14.9903, 14.1962, 9.4849



13.0656, 0.3226, 0.8160



16.9291, 29.2346, 9.0550



41.0915, 70.7227, 23.8220

Inverse Universe

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



12.6765, 21.9359, 6.4143



16.4860, 28.4741, 8.7814



17.4567, -4.0109, -13.1600



13.0656, 0.3226, 0.8160



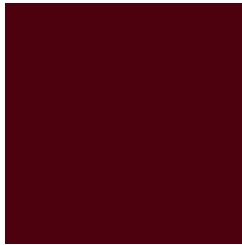
16.9291, 29.2346, 9.0550



41.0915, 70.7227, 23.8220

Previews

White Background



This preview shows how the HunterLab color 12.6761, 21.9375, 6.4140 looks on a white background.

Color Contrast Check

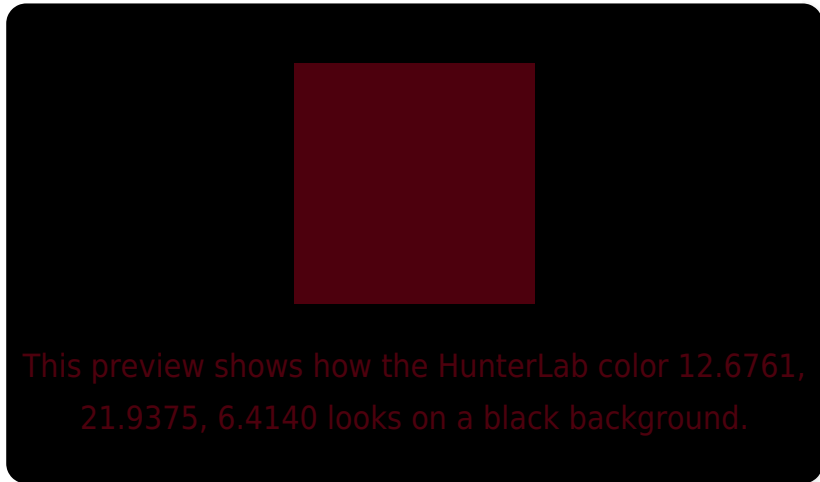
Large Text (above 18pt) WCAG AA ✓ Pass

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

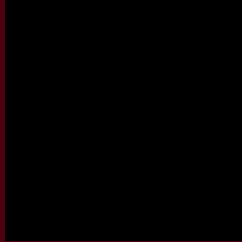
Any Text WCAG AA × Fail

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 12.6761, 21.9375, 6.4140 Background



This preview shows how black text looks on a background with the HunterLab color 12.6761, 21.9375, 6.4140.

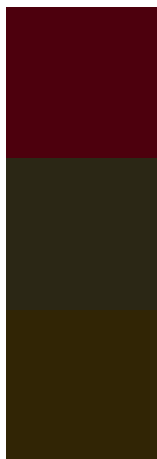


This preview shows how white text looks on a background with the HunterLab color 12.6761, 21.9375,

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

12.6761, 21.9375, 6.4140

Protanopia

14.2084, -1.5333, 5.7677

Deuteranopia

14.0963, 0.0948, 8.0838



Tritanopia

13.1520, 19.5537, 8.4465

Trichromacy



Original Color

12.6761, 21.9375, 6.4140

Protanomaly

12.4546, 7.3325, 5.0785

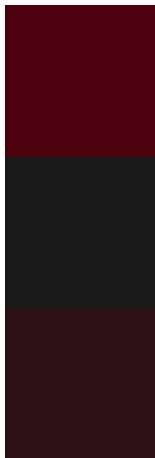
Deuteranomaly

12.6515, 8.5342, 6.8686

Tritanomaly

12.9444, 20.5283, 7.6780

Monochromacy



Original Color

12.6761, 21.9375, 6.4140

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7990, 7.6141, 1.8787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6761, 21.9375, 6.4140 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(77, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 13)  
}
```

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(77, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6761, 21.9375, 6.4140 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(77, 0, 13) }
```


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

```
.border{ border-color:rgb(77, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 13); box-shadow:4px  
4px 4px 4px rgb(77, 0, 13) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6761, 21.9375, 6.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 13) }
```

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

```
.background{ background-color: rgb(77, 0,  
13) }
```

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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