

# Converting Colors

HunterLab(26.3925, 13.6421,  
11.9974)

Have a look what the booklet for  
HunterLab(26.3925, 13.6421,  
11.9974) contains.

<b>HunterLab(26.4602, 13.4763, 12.0423)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(26.4602, 13.4763,  
12.0423)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713D28
RGB	113, 61, 40
RGB Percent	44%, 24%, 16%
CMY	0.5569, 0.7608, 0.8431
CMYK	0.00, 0.46, 0.65, 0.56
HSL	17°, 48%, 30%
HSV	17°, 65%, 44%
XYZ	8.8618, 7.0014, 2.8919
YIQ	74.1540, 37.7330, 4.4930

# Conversions

## Conversions Part 2

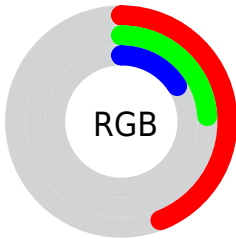
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 69, 40
Decimal	7421224
CIE <sub>Lab</sub>	31.81, 20.64, 22.76
CIE <sub>LCh</sub>	32, 30.728, 47.791
Yxy	7.0018, 0.4725, 0.3733
Android (android.graphics.Color)	4285611304 (0xFF713D28)
YUV	74.1540, -16.8379, 34.0679
Hunter-Lab	26.4602, 13.4763, 12.0423

# Details

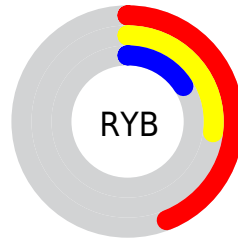
The HunterLab color **26.4602, 13.4763, 12.0423** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30.4913, -8.3846, -11.7364**, and the grayscale version is **26.2726, -1.4018, 1.4274**.

A 20% lighter version of the original color is **44.6475, 15.0071, 16.0828**, and **11.8025, 11.4825, 7.4737** is the 20% darker color. If you saturate the color by 10%, you get **24.7791, 16.4209, 12.8211**, and if you desaturate by 10%, it is **28.3109, 10.6406, 10.9991**.

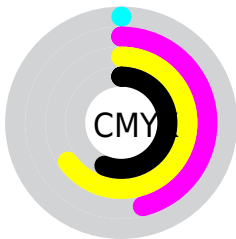
# Distribution



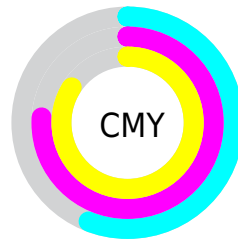
- Red (44%)
- Green (24%)
- Blue (16%)



- Red (44%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (56%)














- Cyan (56%)
- Magenta (76%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.4602, 13.4763, 12.0423 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 26.4602, 13.4763, 12.0423 by changing the saturation by 10% instead.



 26.4602, 13.4763, 12.0423	 26.4602, 13.4763, 12.0423
129.4907, 16.7942, 28.8435	 18.6097, 12.5877, 9.7142
 44.6954, 14.8416, 16.2164	 11.7392, 11.5364, 8.2174
 54.9382, 15.3580, 18.1521	 4.4776, 19.8512, 3.1343
 65.8622, 15.7814, 20.0225	0.0000, NaN, NaN
	0.0000, NaN, NaN
 77.4274, 16.1216, 21.8443	0.0000, NaN, NaN
	0.0000, NaN, NaN
 89.5999, 16.3869, 23.6293	0.0000, NaN, NaN
	0.0000, NaN, NaN
 102.3509, 16.5839,	

25.3866

0.0000, NaN, NaN

115.6552, 16.7181,  
27.1229

26.4602, 13.4763,  
12.0423

26.4602, 13.4763,  
12.0423

24.7791, 16.4209,  
12.8211

28.3109, 10.6406,  
10.9991

23.2853, 19.4208,  
13.2957

30.3102, 7.9511,  
9.7313

21.9962, 22.3741,  
13.4734

32.4414, 5.4195,  
8.2768

21.3810, 23.8648,  
13.5927

34.6893, 3.0465,  
6.6679

37.0406, 0.8252,  
4.9309

■ 39.4840, -1.2551,  
3.0872

■ 42.0098, -3.2069,  
1.1536

■ 44.6099, -5.0432,  
-0.8566

■ 47.2772, -6.7761,  
-2.9328

# Harmonies

## Analogous

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



26.4609, 20.5509, 6.6376



26.4602, 13.4763, 12.0423



26.4609, 2.9687, 14.1349

# Triad

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



26.4609, 13.4747, 12.0427



26.4609, -18.3191, 5.1700



26.4609, 5.0063, -23.9688

# Complementary

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



26.4602, 13.4763, 12.0423



30.4913, -8.3846, -11.7364

# 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.



26.4609, -5.5275, -24.8590



26.4602, 13.4763, 12.0423



26.4609, -17.9481, -5.0866

# Square

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



26.4609, 13.4747, 12.0427



26.4609, -14.7053, 11.3285



26.4609, -13.5983, -16.9755



26.4609, 15.1642, -14.8760



# Rectangle

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



26.4602, 13.4763, 12.0423



26.4609, -4.0810, 14.2374



26.4609, -13.5983, -16.9755



26.4609, 1.3644, -25.3366

# Sweetspot

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



26.4609, 13.4747, 12.0427



48.0061, 2.5385, 7.7585



24.0969, 28.3099, -9.7479



22.7509, 1.5408, 3.9781



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208



# Same Dimension

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



26.4609, 13.4747, 12.0427



32.0291, 24.1740, 17.5583



34.9960, -2.6644, 18.1165



18.8241, -0.1755, 1.9162



22.7028, 25.6138, 14.4378



49.3614, 60.9596, 31.4834



# Inverse Universe

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



30.4913, -8.3846, -11.7364



38.2699, -10.7801, -19.9482



21.1047, 7.5642, -30.7524



19.1335, -1.7847, 0.1254



28.1202, -6.9434, -20.1591



61.5305, -13.6741, -47.3893



# Previews

## White Background



This preview shows how the HunterLab color 26.4602, 13.4763, 12.0423 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

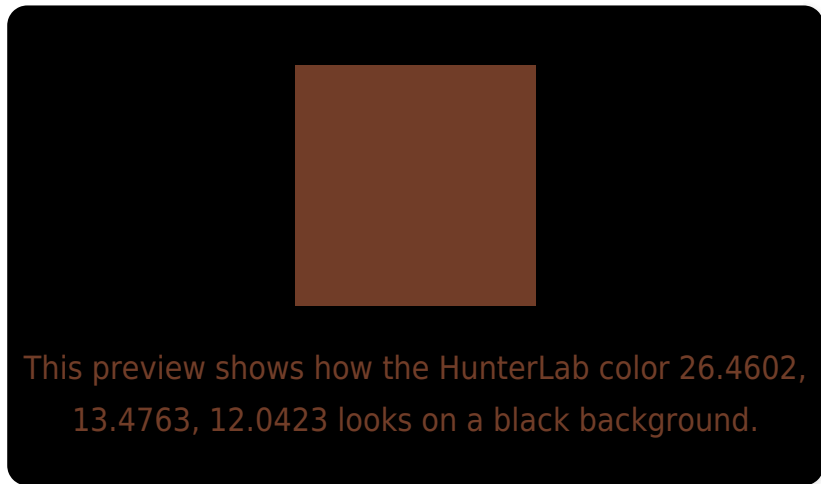
Any Text WCAG AA ✓ Pass

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 26.4602, 13.4763, 12.0423 Background



This preview shows how black text looks on a background with the HunterLab color 26.4602, 13.4763, 12.0423.



This preview shows how white text looks on a background with the HunterLab color 26.4602, 13.4763, 12.0423.



# 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

26.4602, 13.4763, 12.0423

### Protanopia

26.5718, -2.4530, 10.7910

### Deuteranopia

26.6493, 1.4658, 12.3671



## Tritanopia

26.3654, 16.9728, 6.2947

# Trichromacy



## Original Color

26.4602, 13.4763, 12.0423

## Protanomaly

26.3333, 3.0086, 11.1333

## Deuteranomaly

26.4387, 5.6433, 12.0857

## Tritanomaly

26.4039, 15.7805, 8.7094

# Monochromacy



## Original Color

26.4602, 13.4763, 12.0423

## Achromatopsia

26.1683, -1.3963, 1.4218

## Achromatomaly

25.8433, 3.2762, 5.5262

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.4602, 13.4763, 12.0423 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(113, 61, 40)` looks like.

```
.text, #text, p{  
    color:rgb(113, 61, 40)  
}
```

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(113, 61, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 61, 40) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.4602, 13.4763, 12.0423 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(113, 61, 40) }
```



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

```
.border{ border-color:rgb(113, 61, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 61, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 61, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 61, 40);  
box-shadow:4px 4px 4px 4px rgb(113, 61,  
40) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.4602, 13.4763, 12.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 61, 40) }
```

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

```
.background{ background-color: rgb(113, 61,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor