

Converting Colors

HunterLab(29.3407, 9.7229,
18.2498)

Have a look what the booklet for
HunterLab(29.3407, 9.7229,
18.2498) contains.

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Color

**HunterLab(29.3731, 9.7503,
18.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	784800
RGB	120, 72, 0
RGB Percent	47%, 28%, 0%
CMY	0.5294, 0.7176, 1.0000
CMYK	0.00, 0.40, 1.00, 0.53
HSL	36°, 100%, 24%
HSV	36°, 100%, 47%
XYZ	10.0631, 8.6278, 1.1349
YIQ	78.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

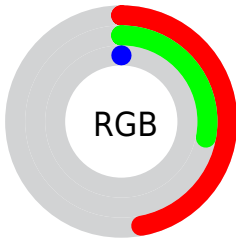
Format	Color
R_{YB}	80, 120, 0
Decimal	7882752
CIE Lab	35.26, 15.60, 44.69
CIE LCh	35, 47.330, 70.758
Yxy	8.6282, 0.5076, 0.4352
Android (android.graphics.Color)	4286072832 (0xFF784800)
YUV	78.1440, -38.5250, 36.7077
Hunter-Lab	29.3731, 9.7503, 18.2703

Details

The HunterLab color **29.3731, 9.7503, 18.2703** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18.6274, 10.0164, -44.9047**, and the grayscale version is **27.7754, -1.4820, 1.5091**.

A 20% lighter version of the original color is **48.2482, 10.3182, 25.7720**, and **13.9797, 8.6726, 8.7661** is the 20% darker color. If you saturate the color by 10%, you get **29.3737, 9.7489, 18.2706**, and if you desaturate by 10%, it is **30.4957, 7.8122, 18.2517**.

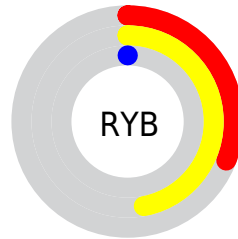
Distribution



Red (47%)

Green (28%)

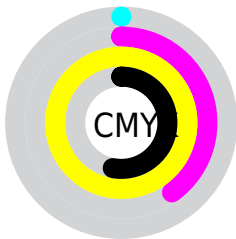
Blue (0%)



Red (31%)

Yellow (47%)

Blue (0%)

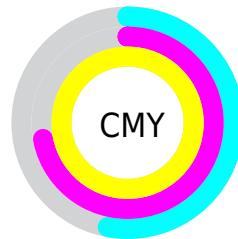


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3731, 9.7503, 18.2703 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 29.3731, 9.7503, 18.2703 by changing the saturation by 10% instead.

■ 29.3731, 9.7503,
18.2703

■ 29.3731, 9.7503,
18.2703

■ 134.3800, 10.7968,
46.8404

■ 21.2120, 9.1912,
14.8484

■ 48.1468, 10.5158,
25.6960

■ 13.9883, 8.4862,
9.7918

■ 58.6294, 10.7583,
29.0848

■ 7.6298, 8.5804,
5.3409

■ 69.7787, 10.9221,
32.3106

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.5567, 11.0152,
35.4031

0.0000, NaN, NaN

■ 93.9318, 11.0443,
38.3857

0.0000, NaN, NaN


■ 106.8762, 11.0147,


0.0000, NaN, NaN

41.2768

0.0000, NaN, NaN

 120.3660, 10.9310,
44.0911


 29.3731, 9.7503,
18.2703

 29.3731, 9.7503,
18.2703


 29.3737, 9.7489,
18.2706

 30.4957, 7.8122,
18.2517

 31.6763, 5.9781,
18.0058

 32.9249, 4.3167,
17.3579

 34.2392, 2.8371,
16.3052

 35.6166, 1.5421,
14.8569

■ 37.0538, 0.4299,
13.0293

■ 38.5477, -0.5042,
10.8427

■ 40.0951, -1.2671,
8.3195

■ 41.6930, -1.8669,
5.4824

Harmonies

Analogous

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



29.3739, 26.8403, 15.3455



29.3731, 9.7503, 18.2703



29.3739, -7.3114, 18.5440

Triad

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



29.3739, 9.7485, 18.2706



29.3739, -26.8759, -4.6757



29.3739, 22.4015, -32.1064

Complementary

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



29.3731, 9.7503, 18.2703



18.6274, 10.0164, -44.9047

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.



29.3739, 4.6518, -46.8421



29.3731, 9.7503, 18.2703



29.3739, -22.1050, -26.0571

Square

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



29.3739, 9.7485, 18.2706



29.3739, -26.1036, 9.9715



29.3739, -11.3960, -44.1616



29.3739, 35.1973, -10.3178

Rectangle

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



29.3731, 9.7503, 18.2703



29.3739, -16.2193, 17.5793



29.3739, -11.3960, -44.1616



29.3739, 16.6704, -38.4794

Sweetspot

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



29.3739, 9.7485, 18.2706



50.9740, -0.5852, 14.6091



20.5097, 36.1634, 5.1871



24.4826, -0.0889, 7.6135



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.3739, 9.7485, 18.2706



38.6142, 13.6317, 24.0325



40.7688, -14.8615, 24.8613



20.9227, -0.9570, 2.6047



30.6345, 10.2766, 19.0568



65.6251, 25.1041, 40.8774

Inverse Universe

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



18.6274, 10.0164, -44.9047



24.1948, 14.4455, -61.4250



11.9761, 31.8311, -80.0325



20.3280, -1.1790, -0.4539



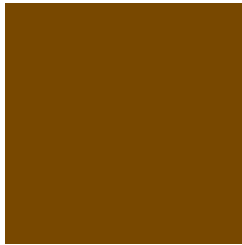
19.3871, 10.6175, -47.1523



40.4463, 27.6046, -110.1448

Previews

White Background



This preview shows how the HunterLab color 29.3731, 9.7503, 18.2703 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



This preview shows how the HunterLab color 29.3731, 9.7503, 18.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

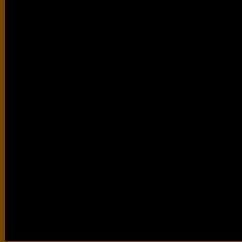
Any Text WCAG AA × Fail

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 29.3731, 9.7503, 18.2703 Background



This preview shows how black text looks on a background with the HunterLab color 29.3731, 9.7503, 18.2703.



This preview shows how white text looks on a background with the HunterLab color 29.3731, 9.7503,

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

29.3731, 9.7503, 18.2703

Protanopia

29.5636, -4.4255, 17.6212

Deuteranopia

29.4213, 1.5376, 18.1562



Tritanopia

29.4841, 17.0880, 6.1385

Trichromacy



Original Color

29.3731, 9.7503, 18.2703

Protanomaly

29.3837, 0.1841, 17.7617

Deuteranomaly

29.2376, 4.6351, 18.0972

Tritanomaly

29.3105, 13.5482, 13.0697

Monochromacy



Original Color

29.3731, 9.7503, 18.2703

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.7963, 0.6392, 10.7025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3731, 9.7503, 18.2703 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(120, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 72, 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(120, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 72, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3731, 9.7503, 18.2703 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(120, 72, 0) }
```


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

```
.border{ border-color:rgb(120, 72, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 72, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3731, 9.7503, 18.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 72, 0) }
```

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

```
.background{ background-color: rgb(120, 72,  
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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