

Converting Colors

HunterLab(29.9283, 10.5385,
18.4017)

Have a look what the booklet for
HunterLab(29.9283, 10.5385,
18.4017) contains.

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Color

**HunterLab(29.9747, 10.5059,
18.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4904
RGB	123, 73, 4
RGB Percent	48%, 29%, 2%
CMY	0.5176, 0.7137, 0.9843
CMYK	0.00, 0.41, 0.97, 0.52
HSL	35°, 94%, 25%
HSV	35°, 97%, 48%
XYZ	10.5729, 8.9848, 1.2919
YIQ	80.0840, 51.9490, -10.8590

Conversions

Conversions Part 2

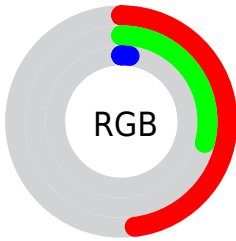
Format	Color
RYB	90, 123, 4
Decimal	8079620
CIELab	35.96, 16.52, 43.96
CIELCh	36, 46.963, 69.405
Yxy	8.9853, 0.5071, 0.4309
Android (android.graphics.Color)	4286269700 (0xFF7B4904)
YUV	80.0840, -37.5094, 37.6373
Hunter-Lab	29.9747, 10.5059, 18.4270

Details

The HunterLab color **29.9747, 10.5059, 18.4270** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.2338, 8.2090, -42.2974**, and the grayscale version is **28.4723, -1.5192, 1.5470**.

A 20% lighter version of the original color is **48.8957, 11.1586, 25.7879**, and **14.5178, 9.3064, 9.1087** is the 20% darker color. If you saturate the color by 10%, you get **29.5948, 11.1905, 18.4321**, and if you desaturate by 10%, it is **31.1808, 8.4091, 18.4059**.

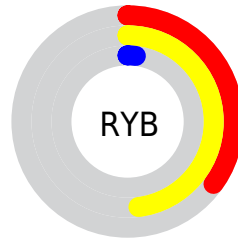
Distribution



Red (48%)

Green (29%)

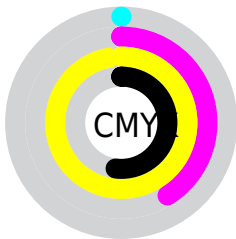
Blue (2%)



Red (35%)

Yellow (48%)

Blue (2%)

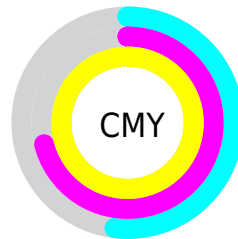


Cyan (0%)

Magenta (41%)

Yellow (97%)

Black (52%)



Cyan (52%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9747, 10.5059, 18.4270 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 29.9747, 10.5059, 18.4270 by changing the saturation by 10% instead.

■ 29.9747, 10.5059,
18.4270

■ 29.9747, 10.5059,
18.4270

■ 135.3766, 11.8792,
46.5095

■ 21.7522, 9.9037,
15.0760

■ 48.8555, 11.3532,
25.7101

■ 14.4591, 9.1550,
10.1214

■ 59.3860, 11.6345,
29.0369

■ 8.1201, 8.7472,
5.6841

■ 70.5802, 11.8355,
32.2060

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.4009, 11.9647,
35.2466

0.0000, NaN, NaN

■ 94.8165, 12.0286,
38.1811


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.7997, 12.0327,


41.0274

0.0000, NaN, NaN

 121.3268, 11.9816,
43.7997


 29.9747, 10.5059,
18.4270

 29.9747, 10.5059,
18.4270

 29.5948, 11.1905,
18.4321

 31.1808, 8.4091,
18.4059

 32.4596, 6.4606,
18.0381

 33.8132, 4.6941,
17.2549

 35.2385, 3.1173,
16.0602

 36.7319, 1.7313,
14.4683

■ 38.2895, 0.5331,
12.4996

■ 39.9076, -0.4834,
10.1776

■ 41.5825, -1.3264,
7.5268

■ 43.3107, -2.0049,
4.5716

Harmonies

Analogous

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



29.9755, 27.3425, 15.2354



29.9747, 10.5059, 18.4270



29.9755, -6.6520, 18.8053

Triad

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



29.9755, 10.5041, 18.4273



29.9755, -27.0854, -3.7800



29.9755, 21.5324, -32.6979

Complementary

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



29.9747, 10.5059, 18.4270



20.2338, 8.2090, -42.2974

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.



29.9755, 3.8083, -46.6021



29.9747, 10.5059, 18.4270



29.9755, -22.5331, -24.8316

Square

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



29.9755, 10.5041, 18.4273



29.9755, -26.0561, 10.4847



29.9755, -12.0457, -43.1275



29.9755, 34.6124, -11.1702

Rectangle

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



29.9747, 10.5059, 18.4270



29.9755, -15.7476, 17.8799



29.9755, -12.0457, -43.1275



29.9755, 15.7803, -38.8362

Sweetspot

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



29.9755, 10.5041, 18.4273



52.7535, -0.2681, 14.5890



21.3989, 36.9173, 3.6188



25.2268, 0.1038, 7.6190



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.9755, 10.5041, 18.4273



39.2384, 15.7434, 24.4541



42.2184, -13.9128, 25.6098



20.8925, -0.9066, 2.5722



30.0828, 11.4200, 18.7368



64.3864, 27.7317, 40.1601

Inverse Universe

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



20.2338, 8.2090, -42.2974



25.7574, 13.4071, -61.1365



12.6279, 31.1815, -79.6542



20.3584, -1.2292, -0.4167



19.9499, 9.3665, -45.1551



41.6874, 24.6861, -105.3957

Previews

White Background



This preview shows how the HunterLab color 29.9747, 10.5059, 18.4270 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

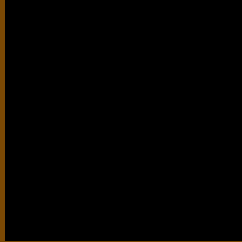
Any Text WCAG AA × Fail

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 29.9747, 10.5059, 18.4270 Background



This preview shows how black text looks on a background with the HunterLab color 29.9747, 10.5059, 18.4270.



This preview shows how white text looks on a background with the HunterLab color 29.9747, 10.5059, 18.4270.

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

29.9747, 10.5059, 18.4270

Protanopia

30.0095, -4.1754, 17.8513

Deuteranopia

30.1214, 1.3729, 18.5847



Tritanopia

30.0847, 17.8025, 6.4273

Trichromacy



Original Color

29.9747, 10.5059, 18.4270

Protanomaly

29.9442, 0.8308, 18.0112

Deuteranomaly

29.9361, 4.4956, 18.4683

Tritanomaly

29.9227, 14.3346, 13.1485

Monochromacy



Original Color

29.9747, 10.5059, 18.4270

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3593, 1.3394, 10.7061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9747, 10.5059, 18.4270 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(123, 73, 4)` looks like.

```
.text, #text, p{  
    color:rgb(123, 73, 4)  
}
```

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(123, 73, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 73, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9747, 10.5059, 18.4270 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(123, 73, 4) }
```


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

```
.border{ border-color:rgb(123, 73, 4) }
```

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

Here you see how a box with a 4 pixel rgb(123, 73, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 73, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 73, 4);  
box-shadow:4px 4px 4px 4px rgb(123, 73, 4)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9747, 10.5059, 18.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 73, 4) }
```

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

```
.background{ background-color: rgb(123, 73,  
4) }
```

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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