

Converting Colors

HunterLab(29.5228, 8.0581,
17.7447)

Have a look what the booklet for
HunterLab(29.5228, 8.0581,
17.7447) contains.

| | |
|--|----|
| HunterLab(29.4981, 7.9206, 17.7381) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(29.4981, 7.9206,
17.7381)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 754A0A |
| RGB | 117, 74, 10 |
| RGB Percent | 46%, 29%, 4% |
| CMY | 0.5412, 0.7098, 0.9608 |
| CMYK | 0.00, 0.37, 0.91, 0.54 |
| HSL | 36°, 84%, 25% |
| HSV | 36°, 91%, 46% |
| XYZ | 9.8397, 8.7014, 1.4481 |
| YIQ | 79.5610, 46.1720, -10.7880 |

Conversions

Conversions Part 2

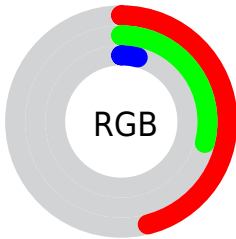
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 82, 117, 10 |
| Decimal | 7686666 |
| CIELab | 35.40, 13.21, 41.24 |
| CIElCh | 35, 43.304, 72.241 |
| Yxy | 8.7018, 0.4922, 0.4353 |
| Android (android.graphics.Color) | 4285876746 (0xFF754A0A) |
| YUV | 79.5610, -34.2936, 32.8340 |
| Hunter-Lab | 29.4981, 7.9206, 17.7381 |

Details

The HunterLab color **29.4981, 7.9206, 17.7381** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **19.7357, 7.1498, -38.2730**, and the grayscale version is **28.2733, -1.5086, 1.5361**.

A 20% lighter version of the original color is **48.3491, 8.1743, 24.6933**, and **14.0901, 7.1931, 8.8082** is the 20% darker color. If you saturate the color by 10%, you get **28.5661, 9.5294, 17.7691**, and if you desaturate by 10%, it is **30.6401, 6.1094, 17.5474**.

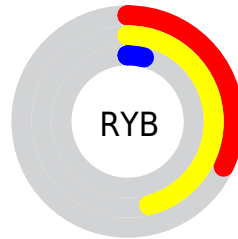
Distribution



Red (46%)

Green (29%)

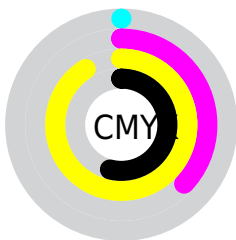
Blue (4%)



Red (32%)

Yellow (46%)

Blue (4%)

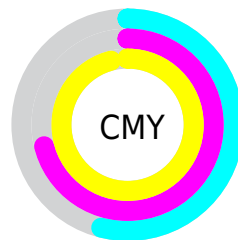


Cyan (0%)

Magenta (37%)

Yellow (91%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4981, 7.9206, 17.7381 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 29.4981, 7.9206, 17.7381 by changing the saturation by 10% instead.

■ 29.4981, 7.9206,
17.7381

■ 29.4981, 7.9206,
17.7381

■ 134.5874, 7.9803,
44.3799

■ 21.3242, 7.5029,
14.4295

■ 48.2942, 8.4285,
24.6369

■ 14.0859, 6.9482,
9.8601

■ 58.7868, 8.5527,
27.7868

■ 7.7345, 7.0503,
5.4142

■ 69.9454, 8.6038,
30.7892

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.7324, 8.5893,
33.6722

0.0000, NaN, NaN

■ 94.1158, 8.5152,
36.4576

0.0000, NaN, NaN

■ 107.0684, 8.3864,

0.0000, NaN, NaN

39.1621

0.0000, NaN, NaN

■ 120.5659, 8.2069,
41.7993

■ 29.4981, 7.9206,
17.7381

■ 29.4981, 7.9206,
17.7381

■ 28.5661, 9.5294,
17.7691

■ 30.6401, 6.1094,
17.5474

■ 31.8479, 4.4654,
16.9687

■ 33.1200, 2.9968,
15.9981

■ 34.4538, 1.7067,
14.6433

■ 35.8463, 0.5942,
12.9197

■ 37.2944, -0.3453,
10.8466

■ 38.7949, -1.1180,
8.4456

■ 40.3448, -1.7318,
5.7386

■ 41.9413, -2.1952,
2.7478

Harmonies

Analogous

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



29.4989, 23.4436, 14.8823



29.4981, 7.9206, 17.7381



29.4989, -7.5431, 17.9327

Triad

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



29.4989, 7.9189, 17.7384



29.4989, -25.1241, -4.9473



29.4989, 20.8566, -27.4366

Complementary

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



29.4981, 7.9206, 17.7381



19.7357, 7.1498, -38.2730

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.



29.4989, 4.9076, -40.7734



29.4981, 7.9206, 17.7381



29.4989, -20.3081, -23.9986

Square

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



29.4989, 7.9189, 17.7384



29.4989, -24.6427, 8.9141



29.4989, -10.0029, -39.2677



29.4989, 31.8948, -8.2404

Rectangle

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



29.4981, 7.9206, 17.7381



29.4989, -15.6548, 16.8027



29.4989, -10.0029, -39.2677



29.4989, 15.7682, -33.1062

Sweetspot

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



29.4989, 7.9189, 17.7384



50.6522, -0.8758, 13.3587



20.6661, 34.0066, 3.1092



24.0406, -0.2848, 6.7905



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



29.4989, 7.9189, 17.7384



37.8726, 13.4810, 23.5729



39.9221, -13.4796, 23.9373



20.0775, -0.9155, 2.4857



29.9335, 10.1077, 18.6218



64.7707, 25.0293, 40.3496

Inverse Universe

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



19.7357, 7.1498, -38.2730



23.8518, 13.9707, -59.9715



12.8028, 27.5978, -69.5656



19.5169, -1.1357, -0.4193



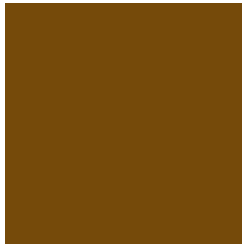
19.0454, 10.1938, -45.8105



40.1137, 26.9735, -108.3666

Previews

White Background



This preview shows how the HunterLab color 29.4981, 7.9206, 17.7381 looks on a white background.

Color Contrast Check

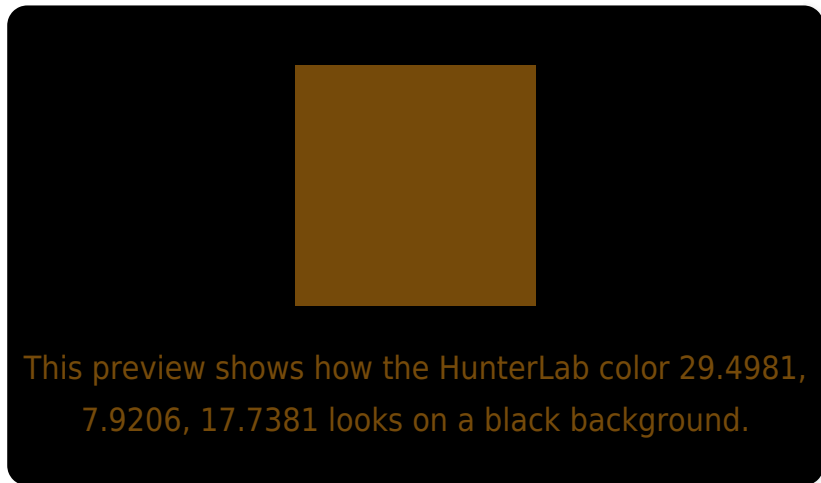
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4981, 7.9206, 17.7381 Background



This preview shows how black text looks on a background with the HunterLab color 29.4981, 7.9206, 17.7381.



This preview shows how white text looks on a background with the HunterLab color 29.4981, 7.9206,

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

29.4981, 7.9206, 17.7381

Protanopia

29.5794, -4.3375, 17.3875

Deuteranopia

29.4213, 1.5376, 18.1562



Tritanopia

29.5698, 15.3184, 5.4989

Trichromacy



Original Color

29.4981, 7.9206, 17.7381

Protanomaly

29.3064, -0.0349, 17.3542

Deuteranomaly

29.3794, 3.9123, 17.9402

Tritanomaly

29.4405, 11.8900, 12.0418

Monochromacy



Original Color

29.4981, 7.9206, 17.7381

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3756, 0.2157, 9.9365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4981, 7.9206, 17.7381 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(117, 74, 10)` looks like.

```
.text, #text, p{  
    color:rgb(117, 74, 10)  
}
```

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(117, 74, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 74, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4981, 7.9206, 17.7381 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(117, 74, 10) }
```


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

```
.border{ border-color:rgb(117, 74, 10) }
```

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

Here you see how a box with a 4 pixel rgb(117, 74, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 74, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 74, 10);  
box-shadow:4px 4px 4px 4px rgb(117, 74,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4981, 7.9206, 17.7381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 74, 10) }
```

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

```
.background{ background-color: rgb(117, 74,  
10) }
```

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