

Converting Colors

HunterLab(17.3312, 10.0706,
9.1032)

Have a look what the booklet for
HunterLab(17.3312, 10.0706,
9.1032) contains.

HunterLab(17.2723, 10.1259, 9.0000)	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(17.2723, 10.1259,
9.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	4E2511
RGB	78, 37, 17
RGB Percent	31%, 15%, 7%
CMY	0.6941, 0.8549, 0.9333
CMYK	0.00, 0.53, 0.78, 0.69
HSL	20°, 64%, 19%
HSV	20°, 78%, 31%
XYZ	3.9046, 2.9833, 0.9004
YIQ	46.9790, 30.8560, 2.4720

Conversions

Conversions Part 2

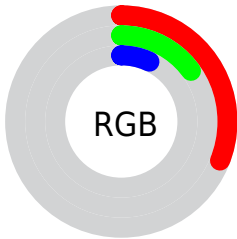
Format	Color
RYB	78, 47, 17
Decimal	5121297
CIELab	19.98, 17.45, 21.57
CIELCh	20, 27.741, 51.022
Yxy	2.9835, 0.5013, 0.3831
Android (android.graphics.Color)	4283311377 (0xFF4E2511)
YUV	46.9790, -14.7796, 27.2054
Hunter-Lab	17.2723, 10.1259, 9.0000

Details

The HunterLab color **17.2723, 10.1259, 9.0000** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.2226, -4.6745, -10.4683**, and the grayscale version is **16.8938, -0.9014, 0.9179**.

A 20% lighter version of the original color is **33.6720, 11.4144, 13.4210**, and **5.4175, 9.3182, 3.1871** is the 20% darker color. If you saturate the color by 10%, you get **16.3096, 11.9787, 9.2992**, and if you desaturate by 10%, it is **18.3368, 8.3270, 8.5075**.

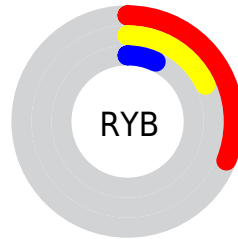
Distribution



Red (31%)

Green (15%)

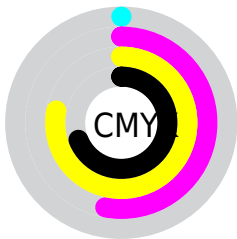
Blue (7%)



Red (31%)

Yellow (18%)

Blue (7%)

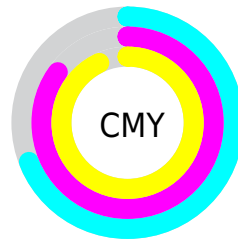


Cyan (0%)

Magenta (53%)

Yellow (78%)

Black (69%)



Cyan (69%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2723, 10.1259, 9.0000 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 17.2723, 10.1259, 9.0000 by changing the saturation by 10% instead.

■ 17.2723, 10.1259,
9.0000

■ 17.2723, 10.1259,
9.0000

■ 113.1757, 13.0675,
25.8336

■ 10.5977, 9.2179,
7.4184

■ 33.5224, 11.4628,
13.3313

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.8951, 11.9440,
15.2870

0.0000, NaN, NaN

■ 53.0080, 12.3240,
17.1564

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8104, 12.6157,
18.9632

0.0000, NaN, NaN

■ 75.2607, 12.8287,
20.7239

0.0000, NaN, NaN

■ 87.3241, 12.9710,

0.0000, NaN, NaN

22.4504

■ 99.9711, 13.0488,
24.1515

■ 17.2723, 10.1259,
9.0000

■ 17.2723, 10.1259,
9.0000

■ 16.3096, 11.9787,
9.2992

■ 18.3368, 8.3270,
8.5075

■ 15.4425, 13.7848,
9.6025

■ 19.4923, 6.6111,
7.8389

■ 15.2967, 14.0960,
9.6725

■ 20.7299, 4.9902,
7.0167

■ 22.0410, 3.4692,
6.0618

■ 23.4180, 2.0474,
4.9933

■ 24.8542, 0.7204,
3.8276

■ 26.3436, -0.5180,
2.5785

■ 27.8811, -1.6748,
1.2576

■ 29.4623, -2.7573,
-0.1258

Harmonies

Analogous

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



17.2728, 16.3450, 5.4919



17.2723, 10.1259, 9.0000



17.2728, 1.6009, 10.4007

Triad

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



17.2728, 10.1247, 9.0002



17.2728, -13.8734, 3.1157



17.2728, 5.0887, -19.6650

Complementary

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



17.2723, 10.1259, 9.0000



19.2226, -4.6745, -10.4683

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.



17.2728, -3.3089, -21.3254



17.2723, 10.1259, 9.0000



17.2728, -13.2876, -5.3334

Square

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



17.2728, 10.1247, 9.0002



17.2728, -11.5268, 7.9516



17.2728, -9.7436, -15.2014



17.2728, 13.0820, -11.3656

Rectangle

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



17.2723, 10.1259, 9.0000



17.2728, -3.8276, 10.3594



17.2728, -9.7436, -15.2014



17.2728, 2.1881, -21.1332

Sweetspot

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



17.2728, 10.1247, 9.0002



31.7418, 1.9267, 5.9393



15.2745, 21.4582, -6.1066



15.6508, 1.1435, 3.1205



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.



17.2728, 10.1247, 9.0002



20.4852, 18.1067, 12.4312



23.7754, -2.2714, 13.2880



13.3313, -0.2367, 1.3360



19.8430, 19.5706, 12.5698



46.6982, 52.0867, 29.6871

Inverse Universe

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



19.2226, -4.6745, -10.4683



23.3442, -4.9122, -17.6279



12.2820, 7.9503, -27.0870



13.4602, -1.1555, 0.1032



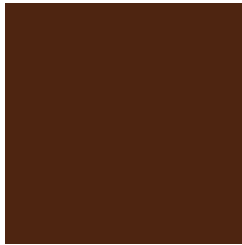
22.7174, -4.4047, -18.8862



53.7375, -8.3113, -49.2254

Previews

White Background



This preview shows how the HunterLab color 17.2723, 10.1259, 9.0000 looks on a white background.

Color Contrast Check

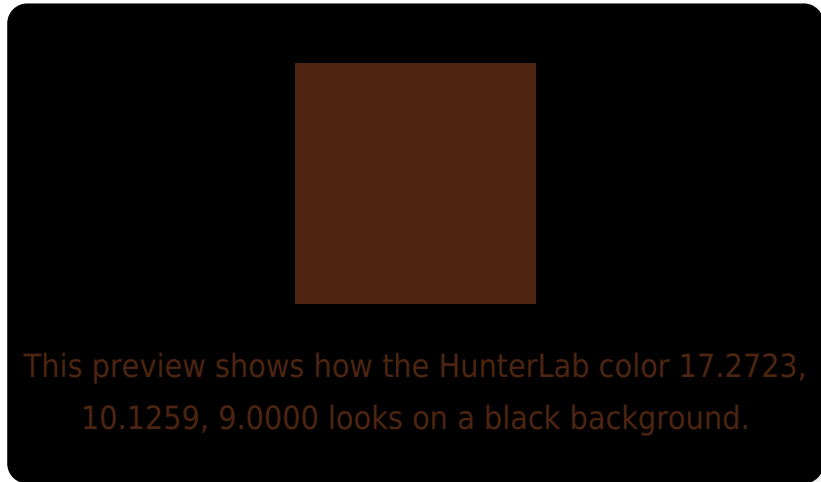
Large Text (above 18pt) WCAG AA ✓ Pass

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

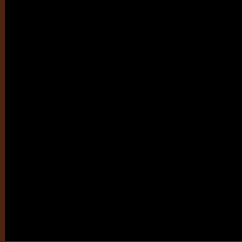
Any Text WCAG AA × Fail

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 17.2723, 10.1259, 9.0000 Background



This preview shows how black text looks on a background with the HunterLab color 17.2723, 10.1259, 9.0000.



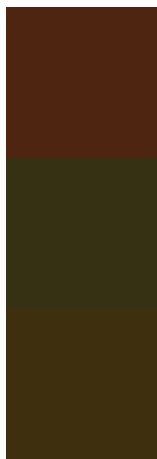
This preview shows how white text looks on a background with the HunterLab color 17.2723, 10.1259,

9.0000.

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

17.2723, 10.1259, 9.0000

Protanopia

17.4910, -2.0333, 8.4989

Deuteranopia

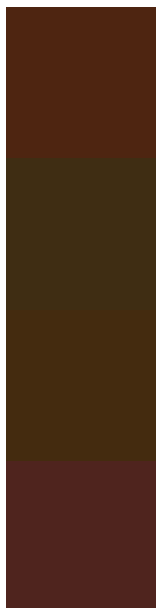
17.5752, 0.5493, 9.4378



Tritanopia

17.3144, 12.5804, 4.8959

Trichromacy



Original Color

17.2723, 10.1259, 9.0000

Protanomaly

17.2643, 1.8995, 8.5556

Deuteranomaly

17.2950, 4.1434, 9.1804

Tritanomaly

17.3717, 11.6223, 6.7156

Monochromacy



Original Color

17.2723, 10.1259, 9.0000

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.5972, 2.4368, 4.3074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2723, 10.1259, 9.0000 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(78, 37, 17)` looks like.

```
.text, #text, p{  
    color:rgb(78, 37, 17)  
}
```

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(78, 37, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 37, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2723, 10.1259, 9.0000 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(78, 37, 17) }
```


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

```
.border{ border-color:rgb(78, 37, 17) }
```

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

Here you see how a box with a 4 pixel rgb(78, 37, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 37, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 37, 17);  
box-shadow:4px 4px 4px 4px rgb(78, 37, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2723, 10.1259, 9.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 37, 17) }
```

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

```
.background{ background-color: rgb(78, 37,  
17) }
```

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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