

Converting Colors

HunterLab(17.2132, 0.7635,
7.0484)

Have a look what the booklet for
HunterLab(17.2132, 0.7635, 7.0484)
contains.

HunterLab(17.2132, 0.7635, 7.0484)	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(17.2132, 0.7635,
7.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2E1B
RGB	59, 46, 27
RGB Percent	23%, 18%, 11%
CMY	0.7686, 0.8196, 0.8941
CMYK	0.00, 0.22, 0.54, 0.77
HSL	36°, 37%, 17%
HSV	36°, 54%, 23%
XYZ	2.9785, 2.9629, 1.4519
YIQ	47.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

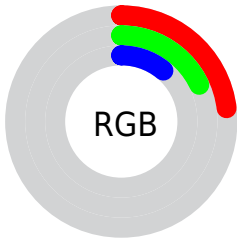
Format	Color
R_YB	49, 59, 27
Decimal	3878427
CIE _{Lab}	19.90, 2.92, 14.46
CIE _{LCh}	20, 14.753, 78.602
Yxy	2.9631, 0.4029, 0.4008
Android (android.graphics.Color)	4282068507 (0xFF3B2E1B)
YUV	47.7210, -10.2155, 9.8917
Hunter-Lab	17.2132, 0.7635, 7.0484

Details

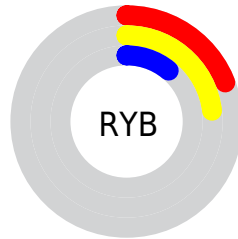
The HunterLab color **17.2132, 0.7635, 7.0484** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.3747, -0.3179, -8.2143**, and the grayscale version is **17.1293, -0.9140, 0.9307**.

A 20% lighter version of the original color is **33.5187, 0.0700, 10.1107**, and **1.9677, 3.3697, 1.2715** is the 20% darker color. If you saturate the color by 10%, you get **16.6025, 1.3289, 7.7025**, and if you desaturate by 10%, it is **17.8485, 0.2685, 6.2474**.

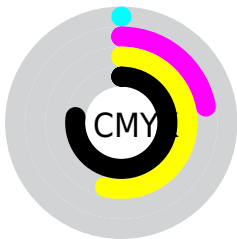
Distribution



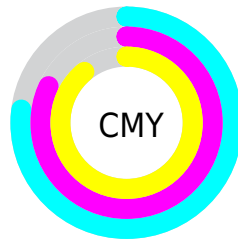
- Red (23%)
- Green (18%)
- Blue (11%)



- Red (19%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (77%)



- Cyan (77%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2132, 0.7635, 7.0484 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 17.2132, 0.7635, 7.0484 by changing the saturation by 10% instead.

■ 17.2132, 0.7635,
7.0484

■ 17.2132, 0.7635,
7.0484

■ 113.0650, -2.9305,
19.7933

■ 10.5475, 0.8758,
6.3617

■ 33.4486, 0.2986,
10.1560

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.8150, -0.0270,
11.5990

0.0000, NaN, NaN

■ 52.9220, -0.4046,
13.0025

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.7189, -0.8293,
14.3807

0.0000, NaN, NaN

■ 75.1640, -1.2972,
15.7430

0.0000, NaN, NaN

■ 87.2226, -1.8049,

0.0000, NaN, NaN

17.0963

■ 99.8648, -2.3501,
18.4452

■ 17.2132, 0.7635,
7.0484

■ 17.2132, 0.7635,
7.0484

■ 16.6025, 1.3289,
7.7025

■ 17.8485, 0.2685,
6.2474

■ 16.0163, 1.9676,
8.2027

■ 18.5061, -0.1559,
5.3063

■ 15.4561, 2.6779,
8.5463

■ 19.1851, -0.5128,
4.2334

■ 14.9141, 3.4122,
8.8615

■ 19.8845, -0.8050,
3.0369

■ 14.6078, 3.8324,
9.0683

■ 20.6030, -1.0358,
1.7249

■ 21.3398, -1.2084,
0.3052

■ 22.0937, -1.3261,
-1.2147

■ 22.8640, -1.3922,
-2.8279

■ 23.6497, -1.4097,
-4.5277

Harmonies

Analogous

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



17.2136, 4.9606, 5.8958



17.2132, 0.7635, 7.0484



17.2136, -3.5041, 6.8953

Triad

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



17.2136, 0.7628, 7.0486



17.2136, -8.1430, -1.7957



17.2136, 5.8062, -5.1901

Complementary

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



17.2132, 0.7635, 7.0484



14.3747, -0.3179, -8.2143

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.



17.2136, 1.8274, -8.4245



17.2132, 0.7635, 7.0484



17.2136, -6.1027, -6.1538

Square

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



17.2136, 0.7628, 7.0486



17.2136, -8.3670, 2.4346



17.2136, -2.5394, -8.8154



17.2136, 8.0592, -0.7086

Rectangle

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



17.2132, 0.7635, 7.0484



17.2136, -5.8276, 6.0624



17.2136, -2.5394, -8.8154



17.2136, 4.6090, -6.5023

Sweetspot

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



17.2136, 0.7628, 7.0486



25.5032, -0.9549, 4.3314



13.6719, 9.8148, -0.2391



13.1732, -0.4853, 2.2798



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.2136, 0.7628, 7.0486



21.1963, 2.0187, 10.2340



20.1431, -5.0202, 9.2720



11.2389, -0.5233, 1.2716



22.8670, 7.3454, 14.2191



56.5123, 22.0576, 35.2088

Inverse Universe

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



14.3747, -0.3179, -8.2143



16.7022, 0.5187, -14.2957



11.7078, 5.5389, -13.6426



10.9791, -0.6376, -0.0981



14.9049, 6.7266, -33.1507



35.4934, 22.5298, -92.9990

Previews

White Background



This preview shows how the HunterLab color 17.2132, 0.7635, 7.0484 looks on a white background.

Color Contrast Check

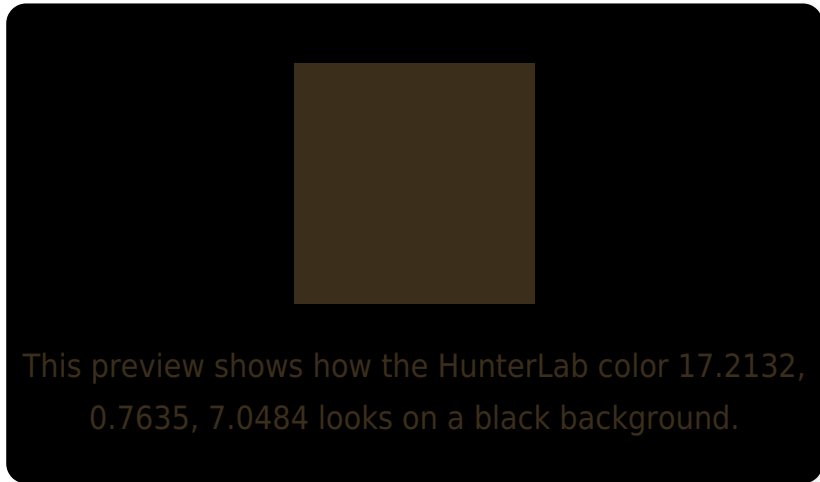
Large Text (above 18pt) WCAG AA ✓ Pass

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

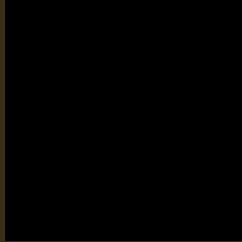
Any Text WCAG AA × Fail

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 17.2132, 0.7635, 7.0484 Background



This preview shows how black text looks on a background with the HunterLab color 17.2132, 0.7635, 7.0484.

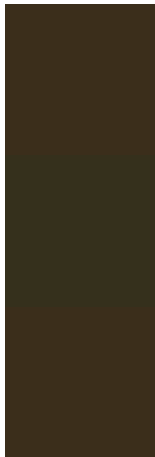


This preview shows how white text looks on a background with the HunterLab color 17.2132, 0.7635,

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

17.2132, 0.7635, 7.0484

Protanopia

17.1890, -1.6817, 6.7729

Deuteranopia

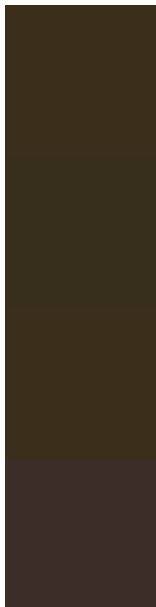
17.2132, 0.7635, 7.0484



Tritanopia

17.3168, 4.1060, 1.5345

Trichromacy



Original Color

17.2132, 0.7635, 7.0484

Protanomaly

17.1146, -0.7301, 6.7273

Deuteranomaly

17.2132, 0.7635, 7.0484

Tritanomaly

17.2934, 2.6101, 3.8192

Monochromacy



Original Color

17.2132, 0.7635, 7.0484

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0772, -0.4539, 3.5452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2132, 0.7635, 7.0484 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(59, 46, 27)` looks like.

```
.text, #text, p{  
    color:rgb(59, 46, 27)  
}
```

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(59, 46, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 46, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2132, 0.7635, 7.0484 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(59, 46, 27) }
```


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

```
.border{ border-color:rgb(59, 46, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 46, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 46, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 46, 27);  
box-shadow:4px 4px 4px 4px rgb(59, 46, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2132, 0.7635, 7.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 46, 27) }
```

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

```
.background{ background-color: rgb(59, 46,  
27) }
```

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