

Converting Colors

HunterLab(17.8717, -7.5919,
6.2438)

Have a look what the booklet for
HunterLab(17.8717, -7.5919, 6.2438)
contains.

HunterLab(17.9721, -7.7152, 6.4312)	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(17.9721, -7.7152,
6.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	253720
RGB	37, 55, 32
RGB Percent	15%, 22%, 13%
CMY	0.8549, 0.7843, 0.8745
CMYK	0.33, 0.00, 0.42, 0.78
HSL	107°, 26%, 17%
HSV	107°, 42%, 22%
XYZ	2.3898, 3.2300, 1.8640
YIQ	46.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

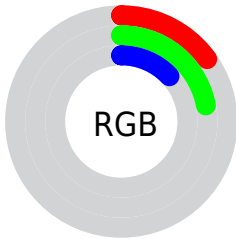
Format	Color
RYB	32, 55, 50
Decimal	2438944
CIELab	20.94, -12.75, 12.15
CIELCh	21, 17.614, 136.393
Yxy	3.2301, 0.3193, 0.4316
Android (android.graphics.Color)	4280629024 (0xFF253720)
YUV	46.9960, -7.3930, -8.7665
Hunter-Lab	17.9721, -7.7152, 6.4312

Details

The HunterLab color **17.9721, -7.7152, 6.4312** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.0963, 7.2626, -6.3900**, and the grayscale version is **16.8835, -0.9009, 0.9173**.

A 20% lighter version of the original color is **34.3779, -10.6499, 9.2047**, and **3.6090, -3.0947, 2.1697** is the 20% darker color. If you saturate the color by 10%, you get **17.6852, -8.9880, 7.3647**, and if you desaturate by 10%, it is **18.2947, -6.3086, 5.3558**.

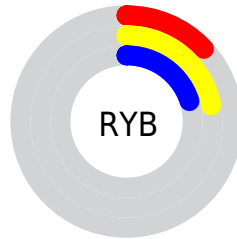
Distribution



Red (15%)

Green (22%)

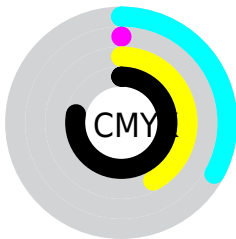
Blue (13%)



Red (13%)

Yellow (22%)

Blue (20%)

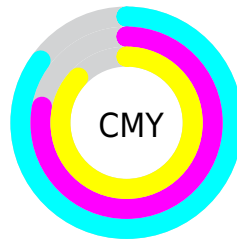


Cyan (33%)

Magenta (0%)

Yellow (42%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9721, -7.7152, 6.4312 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 17.9721, -7.7152, 6.4312 by changing the saturation by 10% instead.

■ 17.9721, -7.7152,
6.4312

■ 17.9721, -7.7152,
6.4312

■ 114.4788,
-19.3820, 17.8673

■ 11.1938, -6.1929,
5.3477

■ 34.3931, -10.4689,
9.1365

■ 3.2307, -5.6538,
2.2615

■ 43.8398, -11.7748,
10.4154

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0213, -13.0578,
11.6709

0.0000, NaN, NaN

■ 64.8879, -14.3276,
12.9135


0.0000, NaN, NaN


■ 76.3988, -15.5908,
14.1502


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.5198, -16.8522,


 101.2216,
-18.1151, 16.6240


 17.9721, -7.7152,
6.4312


 17.9721, -7.7152,
6.4312


 17.6852, -8.9880,
7.3647


 18.2947, -6.3086,
5.3558


 17.4329, -10.1187,
8.1520


 18.6514, -4.7758,
4.1437


 17.2153, -11.1022,
8.7920

 19.0420, -3.1270,
2.8024

 17.0319, -11.9358,
9.2864

 19.4658, -1.3725,
1.3402

 16.8759, -12.6542,
9.7234

 19.9218, 0.4771,
-0.2340

■ 16.7641, -13.1819,
10.0992

■ 20.4090, 2.4117,
-1.9109

■ 20.9261, 4.4211,
-3.6813

■ 21.4721, 6.4960,
-5.5361

■ 22.0456, 8.6278,
-7.4669

Harmonies

Analogous

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



17.9725, -3.7275, 7.9794



17.9721, -7.7152, 6.4312



17.9725, -9.7751, 3.0986

Triad

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



17.9725, -7.7156, 6.4314



17.9725, -3.2790, -11.1169



17.9725, 9.8139, 3.4884

Complementary

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



17.9721, -7.7152, 6.4312



14.0963, 7.2626, -6.3900

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.



17.9725, 9.9699, -1.4367



17.9721, -7.7152, 6.4312



17.9725, 1.9859, -10.9224

Square

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



17.9725, -7.7156, 6.4314



17.9725, -7.4199, -7.4803



17.9725, 6.9694, -7.0072



17.9725, 6.5649, 6.6456

Rectangle

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



17.9721, -7.7152, 6.4312



17.9725, -9.9507, -0.1269



17.9725, 6.9694, -7.0072



17.9725, 10.2417, 2.0175

Sweetspot

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



17.9725, -7.7156, 6.4314



24.4973, -4.4361, 3.9461



17.7950, -1.4360, 6.3870



12.7759, -2.4057, 2.1338



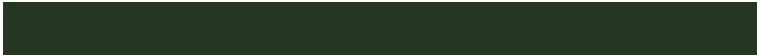
60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.9725, -7.7156, 6.4314



22.8181, -11.7051, 9.5808



17.8337, -8.0482, 4.7139



10.5917, -1.3983, 1.2758



27.8710, -22.5325, 16.7795



71.7217, -59.2786, 43.1568

Inverse Universe

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



14.0963, 7.2626, -6.3900



16.6785, 12.1569, -10.9415



14.3734, 7.6784, -2.9345



10.1436, 0.3180, -0.1838



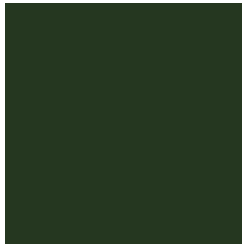
14.6323, 30.3151, -31.2947



37.2284, 77.5350, -82.7653

Previews

White Background



This preview shows how the HunterLab color 17.9721, -7.7152, 6.4312 looks on a white background.

Color Contrast Check

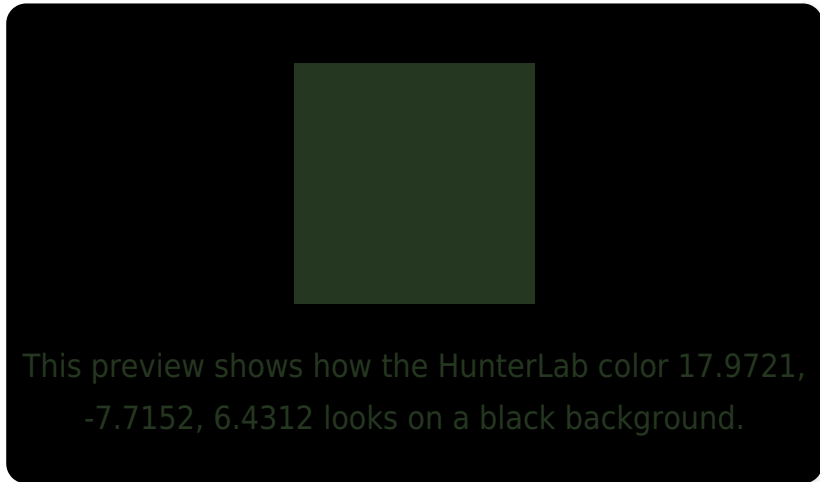
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9721, -7.7152, 6.4312 Background



This preview shows how black text looks on a background with the HunterLab color 17.9721, -7.7152, 6.4312.



This preview shows how white text looks on a background with the HunterLab color 17.9721, -7.7152, 6.4312.

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

17.9721, -7.7152, 6.4312

Protanopia

17.8526, -1.7415, 6.8910

Deuteranopia

17.8607, 0.8161, 5.9962



Tritanopia

17.9246, -2.9245, -1.3816

Trichromacy



Original Color

17.9721, -7.7152, 6.4312

Protanomaly

17.8418, -4.2683, 6.6115

Deuteranomaly

17.9096, -2.6922, 6.2253

Tritanomaly

17.8957, -4.7728, 2.0337

Monochromacy



Original Color

17.9721, -7.7152, 6.4312

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.2104, -3.6208, 2.9953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9721, -7.7152, 6.4312 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(37, 55, 32)` looks like.

```
.text, #text, p{  
    color:rgb(37, 55, 32)  
}
```

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(37, 55, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 55, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9721, -7.7152, 6.4312 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(37, 55, 32) }
```


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

```
.border{ border-color:rgb(37, 55, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 55, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 55, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 55, 32);  
box-shadow:4px 4px 4px 4px rgb(37, 55, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9721, -7.7152, 6.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 55, 32) }
```

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

```
.background{ background-color: rgb(37, 55,  
32) }
```

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