

Converting Colors

HunterLab(17.4020, -7.4502,
4.7277)

Have a look what the booklet for
HunterLab(17.4020, -7.4502, 4.7277)
contains.

HunterLab(17.3295, -7.3132, 4.5621)	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(17.3295, -7.3132,
4.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	213525
RGB	33, 53, 37
RGB Percent	13%, 21%, 15%
CMY	0.8706, 0.7922, 0.8549
CMYK	0.38, 0.00, 0.30, 0.79
HSL	132°, 23%, 17%
HSV	132°, 38%, 21%
XYZ	2.2342, 3.0031, 2.2122
YIQ	45.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

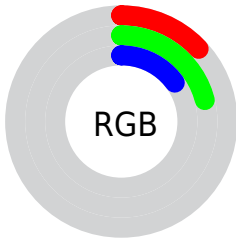
Format	Color
R_{YB}	33, 50, 53
Decimal	2176293
CIE Lab	20.06, -12.19, 7.59
CIE LCh	20, 14.358, 148.074
Yxy	3.0032, 0.2999, 0.4031
Android (android.graphics.Color)	4280366373 (0xFF213525)
YUV	45.1960, -4.0406, -10.6959
Hunter-Lab	17.3295, -7.3132, 4.5621

Details

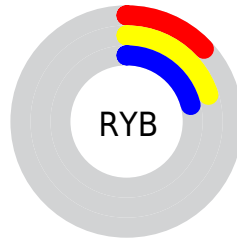
The HunterLab color **17.3295, -7.3132, 4.5621** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.3751, 6.7133, -3.0099**, and the grayscale version is **16.2785, -0.8686, 0.8844**.

A 20% lighter version of the original color is **33.6797, -10.0634, 6.5244**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.0219, -8.6575, 5.3866**, and if you desaturate by 10%, it is **17.6803, -5.8208, 3.6836**.

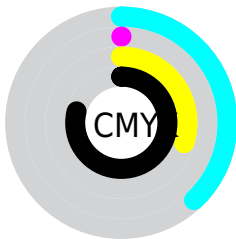
Distribution



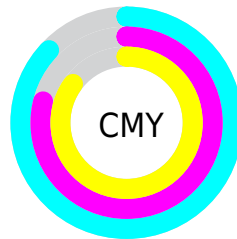
- Red (13%)
- Green (21%)
- Blue (15%)



- Red (13%)
- Yellow (20%)
- Blue (21%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3295, -7.3132, 4.5621 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 17.3295, -7.3132, 4.5621 by changing the saturation by 10% instead.

■ 17.3295, -7.3132,
4.5621

■ 17.3295, -7.3132,
4.5621

■ 113.2825,
-18.6940, 13.5663

■ 10.6462, -5.8761,
3.6575

■ 33.5936, -9.9900,
6.5488

■ 0.7935, -1.3886,
0.5554

■ 42.9724, -11.2612,
7.5259

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.0910, -12.5114,
8.5054

0.0000, NaN, NaN

■ 63.8986, -13.7502,
9.4925

0.0000, NaN, NaN

■ 75.3539, -14.9840,
10.4904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.4221, -16.2172,

11.5011

0.0000, NaN, NaN

■ 100.0736,
-17.4531, 12.5261

■ 17.3295, -7.3132,
4.5621

■ 17.3295, -7.3132,
4.5621

■ 17.0219, -8.6575,
5.3866

■ 17.6803, -5.8208,
3.6836

■ 16.7566, -9.8426,
6.1493

■ 18.0726, -4.1915,
2.7581

■ 16.5334, -10.8613,
6.8437

■ 18.5060, -2.4388,
1.7935

■ 16.3515, -11.7096,
7.4642

■ 18.9793, -0.5763,
0.7972

■ 16.2021, -12.4168,
8.0010

■ 19.4912, 1.3822,
-0.2239

■ 16.0610, -13.0820,
8.4352

■ 20.0401, 3.4237,
-1.2636

■ 16.0299, -13.2279,
8.5193

■ 20.6243, 5.5360,
-2.3164

■ 21.2423, 7.7078,
-3.3775

■ 21.8923, 9.9293,
-4.4428

Harmonies

Analogous

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



17.3299, -4.5961, 6.4838



17.3295, -7.3132, 4.5621



17.3299, -8.3408, 1.2019

Triad

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



17.3299, -7.3135, 4.5623



17.3299, -1.1987, -8.7298



17.3299, 6.8663, 4.2091

Complementary

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



17.3295, -7.3132, 4.5621



14.3751, 6.7133, -3.0099

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.



17.3299, 7.9935, 0.6807



17.3295, -7.3132, 4.5621



17.3299, 3.0783, -7.3847

Square

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



17.3299, -7.3135, 4.5623



17.3299, -5.0277, -7.0096



17.3299, 6.5468, -3.6770



17.3299, 3.5976, 6.3169

Rectangle

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



17.3295, -7.3132, 4.5621



17.3299, -8.0118, -1.6380



17.3299, 6.5468, -3.6770



17.3299, 7.5212, 3.1800

Sweetspot

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



17.3299, -7.3135, 4.5623



23.6543, -4.0277, 2.7945



18.2139, -4.1347, 6.4671



12.8067, -2.2123, 1.5305



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.



17.3299, -7.3135, 4.5623



21.9766, -11.0935, 6.9020



17.5278, -6.1633, 1.7141



9.8088, -1.3345, 0.9736



26.8880, -22.4831, 14.9269



70.4797, -59.5399, 40.4360

Inverse Universe

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



14.3751, 6.7133, -3.0099



17.2989, 11.2081, -5.0886



14.1187, 5.4317, 0.6120



9.4554, 0.3322, 0.0687



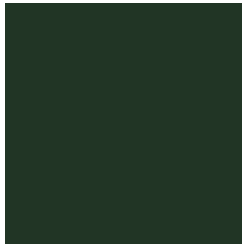
16.1131, 30.4495, -11.7220



42.1262, 79.3412, -28.5835

Previews

White Background



This preview shows how the HunterLab color 17.3295, -7.3132, 4.5621 looks on a white background.

Color Contrast Check

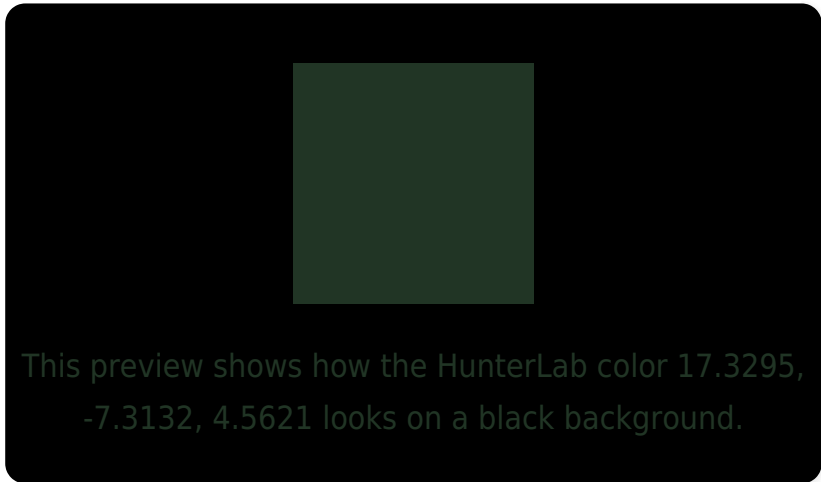
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3295, -7.3132, 4.5621 Background



This preview shows how black text looks on a background with the HunterLab color 17.3295, -7.3132, 4.5621.



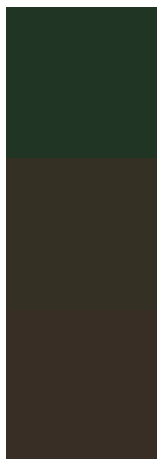
This preview shows how white text looks on a background with the HunterLab color 17.3295, -7.3132, 4.5621.

4.5621.

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

17.3295, -7.3132, 4.5621

Protanopia

17.2201, -1.3546, 5.1124

Deuteranopia

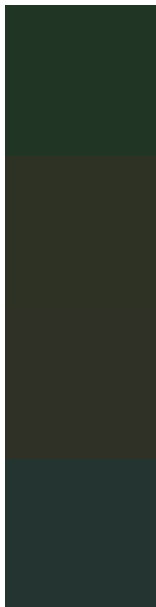
17.1309, 0.8398, 4.2242



Tritanopia

17.4264, -3.4918, -1.6204

Trichromacy



Original Color

17.3295, -7.3132, 4.5621

Protanomaly

17.2234, -3.8043, 4.8008

Deuteranomaly

17.2190, -2.4850, 4.2527

Tritanomaly

17.4484, -5.0712, 1.1609

Monochromacy



Original Color

17.3295, -7.3132, 4.5621

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.5906, -3.3267, 2.3367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3295, -7.3132, 4.5621 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(33, 53, 37)` looks like.

```
.text, #text, p{  
    color:rgb(33, 53, 37)  
}
```

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(33, 53, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 53, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3295, -7.3132, 4.5621 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(33, 53, 37) }
```


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

```
.border{ border-color:rgb(33, 53, 37) }
```

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

Here you see how a box with a 4 pixel rgb(33, 53, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 53, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 53, 37);  
box-shadow:4px 4px 4px 4px rgb(33, 53, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3295, -7.3132, 4.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 53, 37) }
```

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

```
.background{ background-color: rgb(33, 53,  
37) }
```

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