

# Converting Colors

HunterLab(17.5612, 5.9858,  
6.2999)

Have a look what the booklet for  
HunterLab(17.5612, 5.9858, 6.2999)  
contains.

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# Color

**HunterLab(17.4994, 6.2447,  
6.2625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	462A20
RGB	70, 42, 32
RGB Percent	27%, 16%, 13%
CMY	0.7255, 0.8353, 0.8745
CMYK	0.00, 0.40, 0.54, 0.73
HSL	16°, 37%, 20%
HSV	16°, 54%, 27%
XYZ	3.6144, 3.0623, 1.7671
YIQ	49.2320, 19.8980, 2.8260

# Conversions

## Conversions Part 2

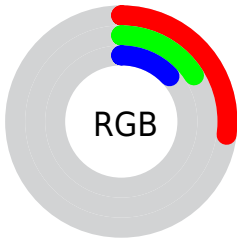
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 46, 32
Decimal	4598304
CIE <sub>Lab</sub>	20.29, 11.71, 11.94
CIE <sub>LCh</sub>	20, 16.720, 45.550
Yxy	3.0624, 0.4281, 0.3627
Android (android.graphics.Color)	4282788384 (0xFF462A20)
YUV	49.2320, -8.4954, 18.2135
Hunter-Lab	17.4994, 6.2447, 6.2625

# Details

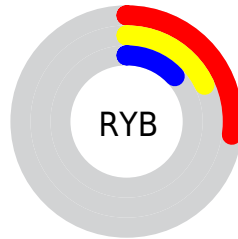
The HunterLab color **17.4994, 6.2447, 6.2625** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.9520, -5.2411, -5.0160**, and the grayscale version is **17.6258, -0.9405, 0.9576**.

A 20% lighter version of the original color is **33.9033, 6.6919, 9.0508**, and **4.5461, 7.7854, 2.9376** is the 20% darker color. If you saturate the color by 10%, you get **16.3883, 7.8955, 6.9091**, and if you desaturate by 10%, it is **18.6933, 4.6697, 5.5123**.

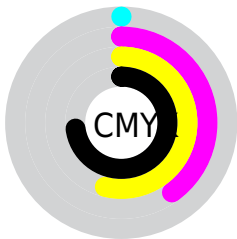
# Distribution



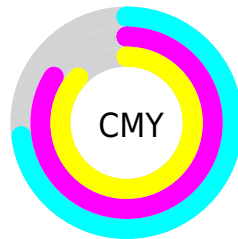
- Red (27%)
- Green (16%)
- Blue (13%)



- Red (27%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (40%)
- Yellow (54%)
- Black (73%)



- Cyan (73%)
- Magenta (84%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4994, 6.2447, 6.2625 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 17.4994, 6.2447, 6.2625 by changing the saturation by 10% instead.



■ 17.4994, 6.2447,  
6.2625

■ 17.4994, 6.2447,  
6.2625

■ 113.5999, 6.6388,  
17.5946

■ 10.7908, 5.7048,  
5.3220

■ 33.8054, 6.9048,  
8.9422

■ 1.7987, 28.2696,  
1.2591

■ 43.2023, 7.0774,  
10.2085

0.0000, NaN, NaN

■ 53.3376, 7.1658,  
11.4520

0.0000, NaN, NaN

■ 64.1609, 7.1805,  
12.6830

0.0000, NaN, NaN

■ 75.6310, 7.1294,  
13.9085

0.0000, NaN, NaN

■ 87.7133, 7.0189,

0.0000, NaN, NaN

15.1335

0.0000, NaN, NaN

100.3782, 6.8540,  
16.3614

17.4994, 6.2447,  
6.2625

17.4994, 6.2447,  
6.2625

16.3883, 7.8955,  
6.9091

18.6933, 4.6697,  
5.5123

15.3688, 9.6097,  
7.4306

19.9593, 3.1793,  
4.6762

14.4523, 11.3587,  
7.8054

21.2898, 1.7726,  
3.7695

13.6416, 13.0624,  
8.1353

22.6776, 0.4462,  
2.8047

13.2234, 13.9676,  
8.3927

24.1168, -0.8055,  
1.7916

■ 25.6021, -1.9888,  
0.7377

■ 27.1291, -3.1104,  
-0.3508

■ 28.6940, -4.1765,  
-1.4692

■ 30.2935, -5.1932,  
-2.6138

# Harmonies

## Analogous

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



17.4998, 9.2141, 3.2106



17.4994, 6.2447, 6.2625



17.4998, 1.5050, 7.6489

# Triad

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



17.4998, 6.2438, 6.2628



17.4998, -9.2325, 3.0652



17.4998, 1.6913, -10.2112

# Complementary

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



17.4994, 6.2447, 6.2625



19.9520, -5.2411, -5.0160

# 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.



17.4998, -3.2476, -10.2824



17.4994, 6.2447, 6.2625



17.4998, -9.1945, -1.6533

# Square

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



17.4998, 6.2438, 6.2628



17.4998, -7.2255, 6.1819



17.4998, -7.1151, -6.8241



17.4998, 6.3932, -6.6504



# Rectangle

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



17.4994, 6.2447, 6.2625



17.4998, -1.8459, 7.7817



17.4998, -7.1151, -6.8241



17.4998, -0.0044, -10.6713

# Sweetspot

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



17.4998, 6.2438, 6.2628



29.4686, 0.9949, 4.0077



16.3300, 13.7377, -5.4711



14.8176, 0.5734, 2.0781



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963



# Same Dimension

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



17.4998, 6.2438, 6.2628



21.1435, 11.1740, 9.3662



21.6581, -1.4018, 9.5801



12.5151, -0.1449, 1.1914



18.5058, 21.3234, 11.7765



44.1890, 57.0411, 28.2276



# Inverse Universe

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



19.9520, -5.2411, -5.0160



25.0206, -7.3043, -8.5950



15.3948, 2.1799, -12.7914



12.7386, -1.1675, 0.1720



23.8971, -6.9050, -14.9635



57.6715, -15.1390, -39.4035



# Previews

## White Background



This preview shows how the HunterLab color 17.4994, 6.2447, 6.2625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

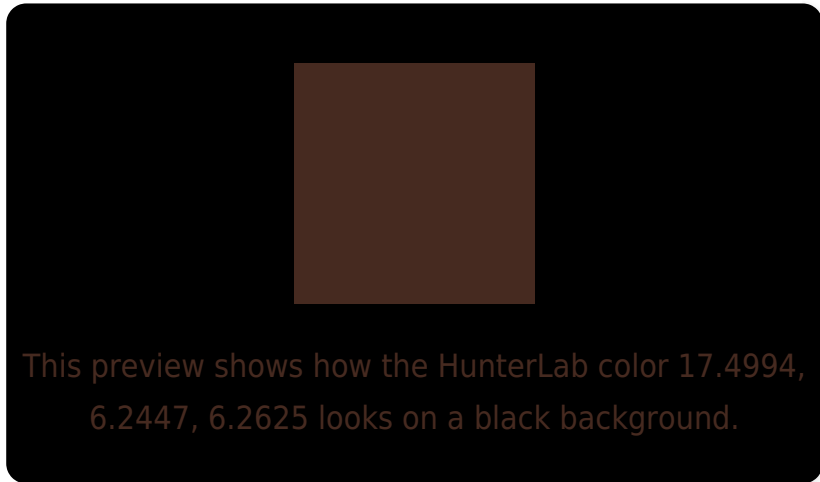
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

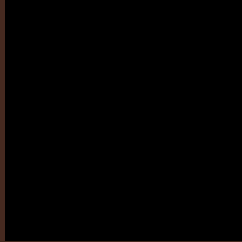
Any Text WCAG AA × Fail

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 17.4994, 6.2447, 6.2625 Background



This preview shows how black text looks on a background with the HunterLab color 17.4994, 6.2447, 6.2625.



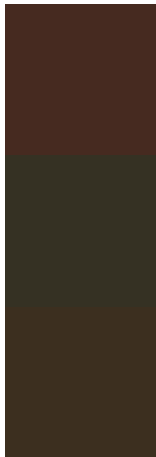
This preview shows how white text looks on a background with the HunterLab color 17.4994, 6.2447,



# 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

17.4994, 6.2447, 6.2625

### Protanopia

17.5353, -1.4728, 5.4029

### Deuteranopia

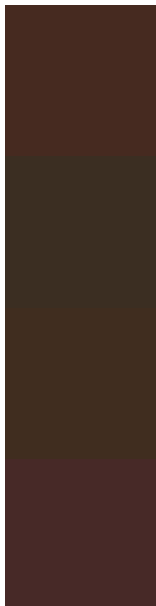
17.5858, 0.9677, 6.4827



## Tritanopia

17.4115, 8.4190, 3.0936

# Trichromacy



## Original Color

17.4994, 6.2447, 6.2625

## Protanomaly

17.3185, 1.3284, 5.5138

## Deuteranomaly

17.5091, 3.0022, 6.4519

## Tritanomaly

17.5270, 7.5971, 4.4399

# Monochromacy



## Original Color

17.4994, 6.2447, 6.2625

## Achromatopsia

17.5253, -0.9351, 0.9522

## Achromatomaly

17.3155, 1.6587, 2.8730

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.4994, 6.2447, 6.2625 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(70, 42, 32)` looks like.

```
.text, #text, p{  
    color:rgb(70, 42, 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(70, 42, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 42, 32) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.4994, 6.2447, 6.2625 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(70, 42, 32) }
```



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

```
.border{ border-color:rgb(70, 42, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 42, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 42, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 42, 32);  
box-shadow:4px 4px 4px 4px rgb(70, 42, 32)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.4994, 6.2447, 6.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 42, 32) }
```

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

```
.background{ background-color: rgb(70, 42,  
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](#).

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