

Converting Colors

HunterLab(27.4645, 22.5955,
9.5636)

Have a look what the booklet for
HunterLab(27.4645, 22.5955,
9.5636) contains.

HunterLab(27.5634, 22.7270, 9.6075)	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(27.5634, 22.7270,
9.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	803737
RGB	128, 55, 55
RGB Percent	50%, 22%, 22%
CMY	0.4980, 0.7843, 0.7843
CMYK	0.00, 0.57, 0.57, 0.50
HSL	0°, 40%, 36%
HSV	0°, 57%, 50%
XYZ	10.9579, 7.5974, 4.5033
YIQ	76.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

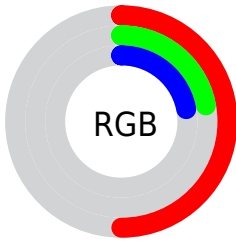
Format	Color
R_{YB}	128, 55, 55
Decimal	8402743
CIE _{Lab}	33.13, 31.58, 15.54
CIE _{LCh}	33, 35.199, 26.204
Yxy	7.5978, 0.4752, 0.3295
Android (android.graphics.Color)	4286592823 (0xFF803737)
YUV	76.8270, -10.7607, 44.8787
Hunter-Lab	27.5634, 22.7270, 9.6075

Details

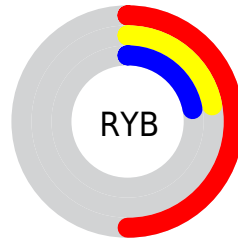
The HunterLab color **27.5634, 22.7270, 9.6075** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **42.1996, -18.0548, -3.0056**, and the grayscale version is **27.2072, -1.4517, 1.4782**.

A 20% lighter version of the original color is **45.8806, 25.2037, 12.4684**, and **12.5269, 19.8831, 6.4208** is the 20% darker color. If you saturate the color by 10%, you get **25.3541, 27.1514, 10.9319**, and if you desaturate by 10%, it is **30.1905, 18.0845, 8.2423**.

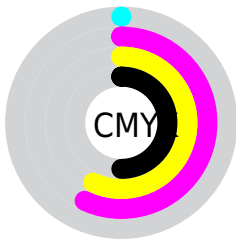
Distribution



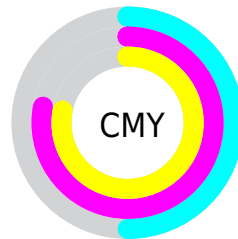
- Red (50%)
- Green (22%)
- Blue (22%)



- Red (50%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (57%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5634, 22.7270, 9.6075 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 27.5634, 22.7270, 9.6075 by changing the saturation by 10% instead.

27.5634, 22.7270,
9.6075

27.5634, 22.7270,
9.6075

131.3555, 30.0786,
22.5880

19.5926, 21.3397,
7.9488

46.0067, 25.0838,
12.6737

12.5847, 19.8298,
6.4717

56.3419, 26.0773,
14.1352

5.8873, 23.8905,
4.1211

67.3527, 26.9626,
15.5696

0.0000, INF, NaN

0.0000, NaN, NaN

78.9999, 27.7500,
16.9865

0.0000, NaN, NaN

91.2503, 28.4483,
18.3924

0.0000, NaN, NaN

104.0757, 29.0651,

0.0000, NaN, NaN

19.7923

0.0000, NaN, NaN

117.4514, 29.6067,
21.1899

■ 27.5634, 22.7270,
9.6075

■ 27.5634, 22.7270,
9.6075

■ 25.3541, 27.1514,
10.9319

■ 30.1905, 18.0845,
8.2423

■ 23.6191, 31.0530,
12.1141

■ 33.1712, 13.4409,
6.9011

■ 22.3991, 34.0733,
13.0380

■ 36.4501, 8.9116,
5.6197

■ 21.6337, 36.1050,
13.6635

■ 39.9796, 4.5479,
4.4118

■ 21.4227, 36.6853,
13.8428

■ 43.7207, 0.3618,
3.2788

■ 47.6425, -3.6550,
2.2154

■ 51.7203, -7.5199,
1.2142

■ 55.9342, -11.2530,
0.2670

■ 60.2685, -14.8739,
-0.6339

Harmonies

Analogous

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



27.5641, 25.8672, -0.0091



27.5634, 22.7270, 9.6075



27.5641, 12.7346, 14.3015

Triad

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



27.5641, 22.7250, 9.6080



27.5641, -18.2970, 11.2069



27.5641, -2.9992, -31.0783

Complementary

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



27.5634, 22.7270, 9.6075



42.1996, -18.0548, -3.0056

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.



27.5641, -13.2807, -24.0316



27.5634, 22.7270, 9.6075



27.5641, -21.0941, 2.9290

Square

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



27.5641, 22.7250, 9.6080



27.5641, -11.0316, 14.9050



27.5641, -19.4293, -10.2016



27.5641, 9.5985, -26.7444

Rectangle

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



27.5634, 22.7270, 9.6075



27.5641, 4.3119, 15.5189



27.5641, -19.4293, -10.2016



27.5641, -6.8155, -29.9043

Sweetspot

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



27.5641, 22.7250, 9.6080



52.8749, 6.2392, 5.9101



29.7995, 32.6968, -21.6975



25.2060, 3.4685, 2.9831



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



27.5641, 22.7250, 9.6080



32.9967, 37.4235, 14.9268



35.2605, 6.0061, 15.7547



20.8430, 0.5882, 1.7024



21.3323, 36.5304, 13.7844

0.0000, NaN, NaN

Inverse Universe

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



42.1996, -18.0548, -3.0056



55.3908, -26.2954, -4.8161



31.5258, -2.7631, -19.0297



22.1063, -2.7827, 0.6636

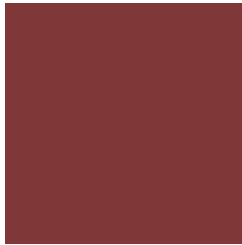


41.0510, -21.7619, -4.3325

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 27.5634, 22.7270, 9.6075 looks on a white background.

Color Contrast Check

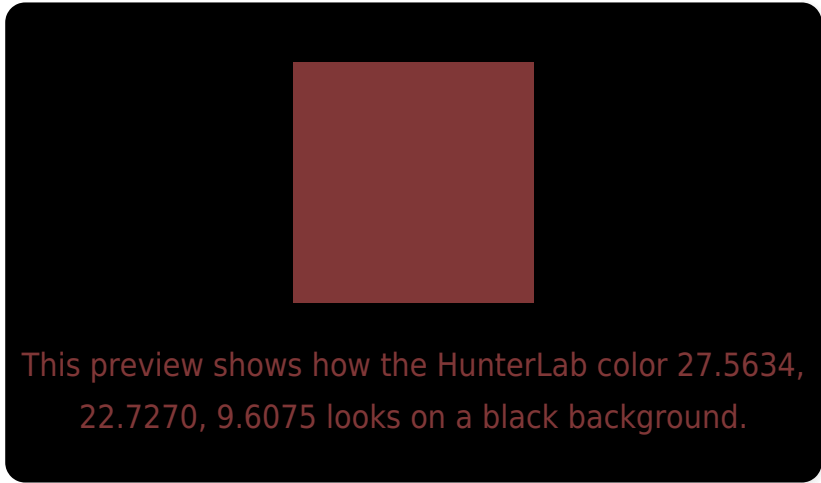
Large Text (above 18pt) WCAG AA ✓ Pass

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

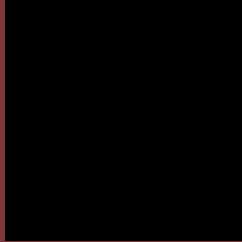
Any Text WCAG AA × Fail

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 27.5634, 22.7270, 9.6075 Background



This preview shows how black text looks on a background with the HunterLab color 27.5634, 22.7270, 9.6075.

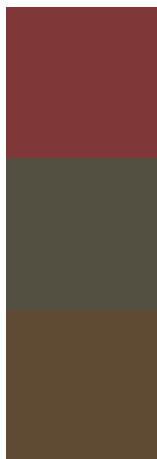


This preview shows how white text looks on a background with the HunterLab color 27.5634, 22.7270,

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

27.5634, 22.7270, 9.6075

Protanopia

27.9511, -2.1843, 6.5769

Deuteranopia

27.7723, 1.8863, 10.2104



Tritanopia

27.6171, 22.9740, 8.8259

Trichromacy



Original Color

27.5634, 22.7270, 9.6075

Protanomaly

27.1475, 6.2640, 7.1958

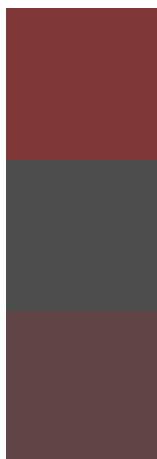
Deuteranomaly

27.4173, 9.1371, 9.7707

Tritanomaly

27.5989, 22.8901, 9.0913

Monochromacy



Original Color

27.5634, 22.7270, 9.6075

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.7819, 6.6256, 4.1547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5634, 22.7270, 9.6075 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(128, 55, 55)` looks like.

```
.text, #text, p{  
  color:rgb(128, 55, 55)  
}
```

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(128, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 55, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5634, 22.7270, 9.6075 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(128, 55, 55) }
```


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

```
.border{ border-color:rgb(128, 55, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 55, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(128, 55,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.5634, 22.7270, 9.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 55, 55) }
```

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

```
.background{ background-color: rgb(128, 55,  
55) }
```

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