

Converting Colors

HunterLab(27.2653, 27.9130,
11.3255)

Have a look what the booklet for
HunterLab(27.2653, 27.9130,
11.3255) contains.

HunterLab(27.3463, 27.7450, 11.2737)	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(27.3463, 27.7450,
11.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	873030
RGB	135, 48, 48
RGB Percent	53%, 19%, 19%
CMY	0.4706, 0.8117, 0.8118
CMYK	0.00, 0.64, 0.64, 0.47
HSL	0°, 48%, 36%
HSV	0°, 64%, 53%
XYZ	11.5821, 7.4782, 3.6293
YIQ	74.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

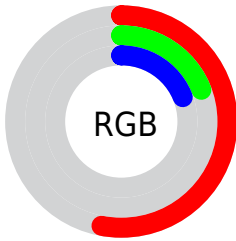
Format	Color
R_{YB}	135, 48, 48
Decimal	8859696
CIE Lab	32.87, 37.23, 19.90
CIE LCh	33, 42.214, 28.122
Yxy	7.4786, 0.5105, 0.3296
Android (android.graphics.Color)	4287049776 (0xFF873030)
YUV	74.0130, -12.8244, 53.4856
Hunter-Lab	27.3463, 27.7450, 11.2737

Details

The HunterLab color **27.3463, 27.7450, 11.2737** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44.3892, -20.3572, -3.6199**, and the grayscale version is **26.2051, -1.3982, 1.4238**.

A 20% lighter version of the original color is **45.6957, 30.8941, 14.9583**, and **13.0678, 22.3957, 8.3141** is the 20% darker color. If you saturate the color by 10%, you get **25.3820, 32.0547, 12.5773**, and if you desaturate by 10%, it is **29.8074, 22.9517, 9.8462**.

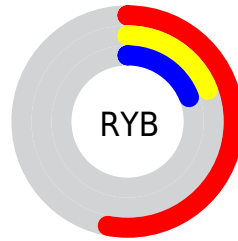
Distribution



Red (53%)

Green (19%)

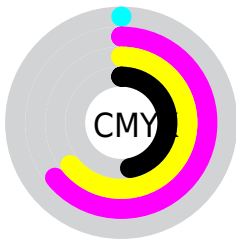
Blue (19%)



Red (53%)

Yellow (19%)

Blue (19%)

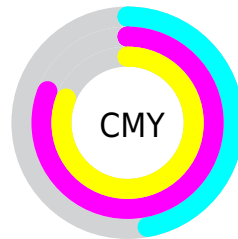


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (47%)



Cyan (47%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3463, 27.7450, 11.2737 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 27.3463, 27.7450, 11.2737 by changing the saturation by 10% instead.

27.3463, 27.7450,
11.2737

27.3463, 27.7450,
11.2737

130.9899, 37.1034,
26.5084

19.3989, 26.1388,
9.2260

45.7491, 30.5744,
14.9879

12.4177, 24.4649,
7.9257

56.0663, 31.8033,
16.7282

5.6392, 30.2599,
3.9475

67.0602, 32.9193,
18.4199

0.0000, INF, NaN

0.0000, NaN, NaN

78.6913, 33.9318,
20.0762

0.0000, NaN, NaN

90.9266, 34.8494,
21.7069

0.0000, NaN, NaN

103.7374, 35.6796,

0.0000, NaN, NaN

23.3191

0.0000, NaN, NaN

117.0992, 36.4290,
24.9182

■ 27.3463, 27.7450,
11.2737

■ 27.3463, 27.7450,
11.2737

■ 25.3820, 32.0547,
12.5773

■ 29.8074, 22.9517,
9.8462

■ 23.9616, 35.5057,
13.6311

■ 32.6979, 17.9934,
8.3930

■ 23.0874, 37.7948,
14.3349

■ 35.9529, 13.0694,
6.9776

■ 22.6959, 38.8655,
14.6655

■ 39.5137, 8.2862,
5.6314

■ 43.3317, 3.6864,
4.3652

■ 47.3672, -0.7242,
3.1781

■ 51.5887, -4.9577,
2.0637

■ 55.9711, -9.0342,
1.0135

■ 60.4945, -12.9753,
0.0189

Harmonies

Analogous

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



27.3471, 32.3728, 0.6045



27.3463, 27.7450, 11.2737



27.3471, 14.8837, 15.7939

Triad

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



27.3471, 27.7427, 11.2742



27.3471, -21.3442, 12.1208



27.3471, -2.3689, -40.5248

Complementary

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



27.3463, 27.7450, 11.2737



44.3892, -20.3572, -3.6199

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.



27.3471, -14.6871, -31.9870



27.3463, 27.7450, 11.2737



27.3471, -24.1274, 2.3441

Square

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



27.3471, 27.7427, 11.2742



27.3471, -13.4049, 16.0729



27.3471, -21.9688, -14.2033



27.3471, 12.9672, -33.7745

Rectangle

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



27.3463, 27.7450, 11.2737



27.3471, 4.5206, 16.8045



27.3471, -21.9688, -14.2033



27.3471, -6.9683, -39.2860

Sweetspot

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



27.3471, 27.7427, 11.2742



55.4026, 7.9675, 6.6721



30.0234, 39.1467, -26.0796



26.0476, 4.5834, 3.4177



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



27.3471, 27.7427, 11.2742



33.0614, 45.0436, 17.4854



35.9614, 8.0930, 17.6906



21.6535, 0.6246, 1.7732



21.7944, 37.3216, 14.0830



1.2829, 2.1964, 0.8290

Inverse Universe

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



44.3892, -20.3572, -3.6199



58.8397, -29.4368, -5.6211



31.5366, -2.1198, -23.6977



22.9757, -2.9035, 0.6859



41.9399, -22.2329, -4.4267



2.4686, -1.3087, -0.2605

Previews

White Background



This preview shows how the HunterLab color 27.3463, 27.7450, 11.2737 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



This preview shows how the HunterLab color 27.3463, 27.7450, 11.2737 looks on a 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 27.3463, 27.7450, 11.2737 Background



This preview shows how black text looks on a background with the HunterLab color 27.3463, 27.7450, 11.2737.

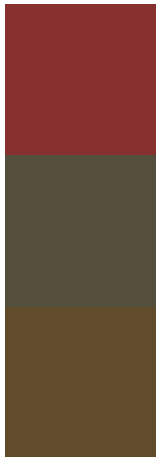


This preview shows how white text looks on a background with the HunterLab color 27.3463, 27.7450,

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

27.3463, 27.7450, 11.2737

Protanopia

27.6764, -2.0219, 7.8606

Deuteranopia

27.7369, 1.5025, 12.2322



Tritanopia

27.3772, 27.8811, 10.8226

Trichromacy



Original Color

27.3463, 27.7450, 11.2737

Protanomaly

26.8019, 8.4711, 8.3870

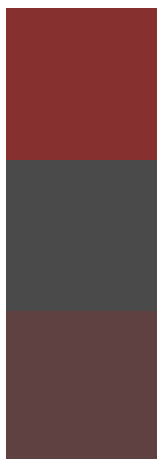
Deuteranomaly

26.9908, 10.9263, 11.3694

Tritanomaly

27.3616, 27.8124, 11.0505

Monochromacy



Original Color

27.3463, 27.7450, 11.2737

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.7857, 7.9582, 4.5293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3463, 27.7450, 11.2737 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(135, 48, 48)` looks like.

```
.text, #text, p{  
    color:rgb(135, 48, 48)  
}
```

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(135, 48, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 48, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3463, 27.7450, 11.2737 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(135, 48, 48) }
```


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

```
.border{ border-color:rgb(135, 48, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 48, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 48, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 48, 48);  
box-shadow:4px 4px 4px 4px rgb(135, 48,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.3463, 27.7450, 11.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 48, 48) }
```

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

```
.background{ background-color: rgb(135, 48,  
48) }
```

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