

Converting Colors

HunterLab(27.4961, 22.1291,
12.8065)

Have a look what the booklet for
HunterLab(27.4961, 22.1291,
12.8065) contains.

HunterLab(27.4947, 22.1273, 12.8057)	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(27.4947, 22.1273,
12.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	813729
RGB	129, 55, 41
RGB Percent	51%, 22%, 16%
CMY	0.4941, 0.7843, 0.8392
CMYK	0.00, 0.57, 0.68, 0.49
HSL	10°, 52%, 33%
HSV	10°, 68%, 51%
XYZ	10.8197, 7.5596, 2.9867
YIQ	75.5300, 48.5980, 11.3340

Conversions

Conversions Part 2

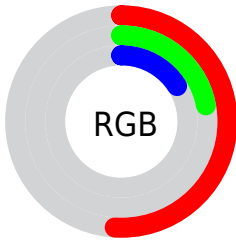
Format	Color
R_{YB}	129, 58, 41
Decimal	8468265
CIE Lab	33.05, 30.91, 24.25
CIE LCh	33, 39.284, 38.119
Yxy	7.5600, 0.5064, 0.3538
Android (android.graphics.Color)	4286658345 (0xFF813729)
YUV	75.5300, -17.0233, 46.8932
Hunter-Lab	27.4947, 22.1273, 12.8057

Details

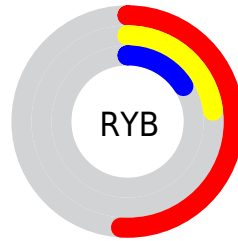
The HunterLab color **27.4947, 22.1273, 12.8057** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37.8376, -14.2895, -9.4785**, and the grayscale version is **26.7626, -1.4280, 1.4541**.

A 20% lighter version of the original color is **45.8561, 24.5420, 17.0276**, and **12.6665, 19.4894, 8.1462** is the 20% darker color. If you saturate the color by 10%, you get **25.6213, 26.0194, 13.6863**, and if you desaturate by 10%, it is **29.6844, 18.1446, 11.6626**.

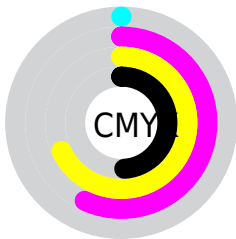
Distribution



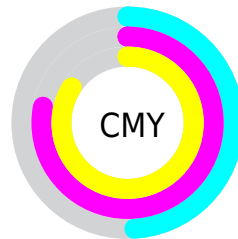
- Red (51%)
- Green (22%)
- Blue (16%)



- Red (51%)
- Yellow (23%)
- Blue (16%)



- Cyan (0%)
- Magenta (57%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4947, 22.1273, 12.8057 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 27.4947, 22.1273, 12.8057 by changing the saturation by 10% instead.

27.4947, 22.1273,
12.8057

27.4947, 22.1273,
12.8057

131.2399, 29.2416,
30.3403

19.5313, 20.7670,
10.3694

45.9252, 24.4274,
17.1771

12.5318, 19.2799,
8.7723

56.2548, 25.3931,
19.2022

5.8100, 23.5525,
4.0670

67.2602, 26.2512,
21.1568

0.0000, INF, NaN

0.0000, NaN, NaN

78.9023, 27.0121,
23.0582

0.0000, NaN, NaN

91.1479, 27.6847,
24.9189

0.0000, NaN, NaN

103.9687, 28.2763,

0.0000, NaN, NaN

26.7482

0.0000, NaN, NaN

117.3400, 28.7935,
28.5535

27.4947, 22.1273,
12.8057

27.4947, 22.1273,
12.8057

25.6213, 26.0194,
13.6863

29.6844, 18.1446,
11.6626

24.0981, 29.6293,
14.2374

32.1491, 14.2149,
10.3236

22.9430, 32.6846,
14.5388

34.8525, 10.4167,
8.8459

22.7734, 33.1411,
14.6130

37.7616, 6.7882,
7.2727

40.8484, 3.3401,
5.6345

■ 44.0892, 0.0673,
3.9518

■ 47.4646, -3.0437,
2.2382

■ 50.9586, -6.0095,
0.5024

■ 54.5581, -8.8472,
-1.2501

Harmonies

Analogous

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



27.4955, 29.2996, 4.7659



27.4947, 22.1273, 12.8057



27.4955, 8.9089, 15.9779

Triad

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



27.4955, 22.1252, 12.8061



27.4955, -21.6770, 9.2115



27.4955, 2.3010, -35.9790

Complementary

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



27.4947, 22.1273, 12.8057



37.8376, -14.2895, -9.4785

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.



27.4955, -10.5039, -32.7737



27.4947, 22.1273, 12.8057



27.4955, -22.7662, -2.2309

Square

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



27.4955, 22.1252, 12.8061



27.4955, -15.7494, 14.7117



27.4955, -19.0813, -18.5698



27.4955, 16.4945, -25.9424

Rectangle

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



27.4947, 22.1273, 12.8057



27.4955, -0.6097, 16.5176



27.4955, -19.0813, -18.5698



27.4955, -2.3170, -36.4805

Sweetspot

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



27.4955, 22.1252, 12.8061



53.7142, 5.4881, 8.0399



27.4031, 36.6393, -18.0904



25.0912, 3.1203, 4.0703



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.



27.4955, 22.1252, 12.8061



33.0635, 37.6418, 18.7945



36.8782, 2.4516, 19.3943



21.0863, 0.1665, 1.9737



22.4969, 32.6936, 14.4349

0.0000, NaN, NaN

Inverse Universe

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



37.8376, -14.2895, -9.4785



48.7658, -19.5598, -15.5123



25.8173, 4.4714, -31.7090



21.8496, -2.3725, 0.3610



34.7917, -13.9767, -13.3150

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 27.4947, 22.1273, 12.8057 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 27.4947, 22.1273, 12.8057 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 27.4947, 22.1273, 12.8057 Background



This preview shows how black text looks on a background with the HunterLab color 27.4947, 22.1273, 12.8057.



This preview shows how white text looks on a background with the HunterLab color 27.4947, 22.1273,

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

27.4947, 22.1273, 12.8057

Protanopia

27.9144, -2.8855, 10.9785

Deuteranopia

27.7617, 1.4388, 13.3938



Tritanopia

27.5274, 24.4066, 9.3311

Trichromacy



Original Color

27.4947, 22.1273, 12.8057

Protanomaly

27.2073, 5.9413, 11.2363

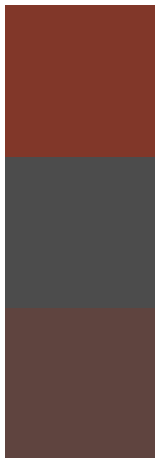
Deuteranomaly

27.4325, 8.7570, 13.0938

Tritanomaly

27.6101, 23.5904, 10.7006

Monochromacy



Original Color

27.4947, 22.1273, 12.8057

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

26.3173, 6.0597, 5.7282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4947, 22.1273, 12.8057 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(129, 55, 41)` looks like.

```
.text, #text, p{  
    color:rgb(129, 55, 41)  
}
```

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(129, 55, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 55, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4947, 22.1273, 12.8057 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(129, 55, 41) }
```


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

```
.border{ border-color:rgb(129, 55, 41) }
```

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

Here you see how a box with a 4 pixel rgb(129, 55, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 55, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 55, 41);  
box-shadow:4px 4px 4px 4px rgb(129, 55,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.4947, 22.1273, 12.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 55, 41) }
```

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

```
.background{ background-color: rgb(129, 55,  
41) }
```

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