

Converting Colors

HunterLab(27.8665, -2.4742,
4.0699)

Have a look what the booklet for
HunterLab(27.8665, -2.4742, 4.0699)
contains.

HunterLab(27.7887, -2.4445, 3.9996)	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(27.7887, -2.4445,
3.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4F48
RGB	79, 79, 72
RGB Percent	31%, 31%, 28%
CMY	0.6902, 0.6902, 0.7176
CMYK	0.00, 0.00, 0.09, 0.69
HSL	60°, 5%, 30%
HSV	60°, 9%, 31%
XYZ	7.1901, 7.7221, 7.2424
YIQ	78.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

Format	Color
R_YB	72, 79, 72
Decimal	5197640
CIE Lab	33.40, -1.46, 4.13
CIE LCh	33, 4.383, 109.411
Yxy	7.7225, 0.3245, 0.3486
Android (android.graphics.Color)	4283387720 (0xFF4F4F48)
YUV	78.2020, -3.0576, 0.6998
Hunter-Lab	27.7887, -2.4445, 3.9996

Details

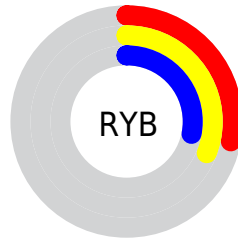
The HunterLab color **27.7887, -2.4445, 3.9996** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **25.6460, -0.3256, -1.3049**, and the grayscale version is **27.6851, -1.4772, 1.5042**.

A 20% lighter version of the original color is **46.2424, -3.6783, 5.6469**, and **12.8378, -1.3882, 2.5179** is the 20% darker color. If you saturate the color by 10%, you get **27.6149, -3.4098, 6.5101**, and if you desaturate by 10%, it is **27.9864, -1.3630, 1.1834**.

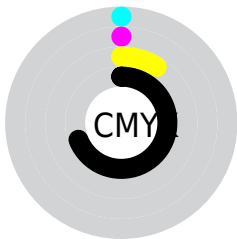
Distribution



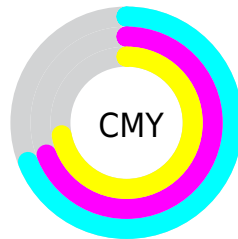
- Red (31%)
- Green (31%)
- Blue (28%)



- Red (28%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7887, -2.4445, 3.9996 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 27.7887, -2.4445, 3.9996 by changing the saturation by 10% instead.

■ 27.7887, -2.4445,
3.9996

■ 27.7887, -2.4445,
3.9996

■ 131.7341, -8.6575,
11.4835

■ 19.7936, -1.9139,
3.2711

■ 46.2737, -3.6128,
5.5091

■ 12.7582, -1.4193,
2.5497

■ 56.6275, -4.2460,
6.2950

■ 6.1334, -1.3624,
3.1275

■ 67.6558, -4.9103,
7.1032

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.3195, -5.6044,
7.9342

0.0000, NaN, NaN

■ 91.5856, -6.3271,
8.7879

0.0000, NaN, NaN

104.4261, -7.0775,

0.0000, NaN, NaN

117.8161, -7.8546,
10.5628

■ 27.7887, -2.4445,
3.9996

■ 27.7887, -2.4445,
3.9996

■ 27.6149, -3.4098,
6.5101

■ 27.9864, -1.3630,
1.1834

■ 27.4625, -4.2571,
8.7148

■ 28.2064, -0.1636,
-1.9383

■ 27.3317, -4.9885,
10.6177

■ 28.4497, 1.1516,
-5.3619

■ 27.2217, -5.6065,
12.2253

■ 28.7163, 2.5805,
-9.0819

■ 27.1316, -6.1146,
13.5467

■ 29.0064, 4.1204,
-13.0912

■ 27.0603, -6.5176,
14.5945

■ 29.3200, 5.7680,
-17.3812

■ 27.0066, -6.8217,
15.3846

■ 29.6568, 7.5194,
-21.9420

■ 26.9690, -7.0354,
15.9395

■ 30.0169, 9.3705,
-26.7627

■ 26.9367, -7.2186,
16.4151

■ 30.3999, 11.3168,
-31.8318

Harmonies

Analogous

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



27.7893, -0.9472, 4.0996



27.7887, -2.4445, 3.9996



27.7893, -3.6607, 3.2549

Triad

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



27.7893, -2.4452, 4.0000



27.7893, -3.3532, -0.6737



27.7893, 1.4358, 0.9989

Complementary

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



27.7887, -2.4445, 3.9996



25.6460, -0.3256, -1.3049

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.



27.7893, 0.7614, -0.3503



27.7887, -2.4445, 3.9996



27.7893, -2.0172, -1.3497

Square

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



27.7893, -2.4452, 4.0000



27.7893, -4.1772, 0.5764



27.7893, -0.5101, -1.2283



27.7893, 1.3153, 2.4174

Rectangle

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



27.7887, -2.4445, 3.9996



27.7893, -4.1575, 2.4691



27.7893, -0.5101, -1.2283



27.7893, 1.2940, 0.5210

Sweetspot

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



27.7893, -2.4452, 4.0000



36.3692, -2.3940, 3.1493



26.0097, 0.5445, 2.0608



18.1462, -1.2367, 1.6804



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



27.7893, -2.4452, 4.0000



36.1648, -3.5194, 6.0780



27.5251, -3.3779, 3.6953



13.9178, -1.2118, 1.9701



35.1087, -9.4373, 21.4686



85.4680, -22.9754, 52.2628

Inverse Universe

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



25.6460, -0.3256, -1.3049



32.5838, 0.0257, -2.7948



25.9143, 0.5921, -0.9464



12.8741, -0.1797, -0.6129



9.7952, 26.5679, -69.5874



23.8442, 64.6759, -169.4123

Previews

White Background



This preview shows how the HunterLab color 27.7887, -2.4445, 3.9996 looks on a white background.

Color Contrast Check

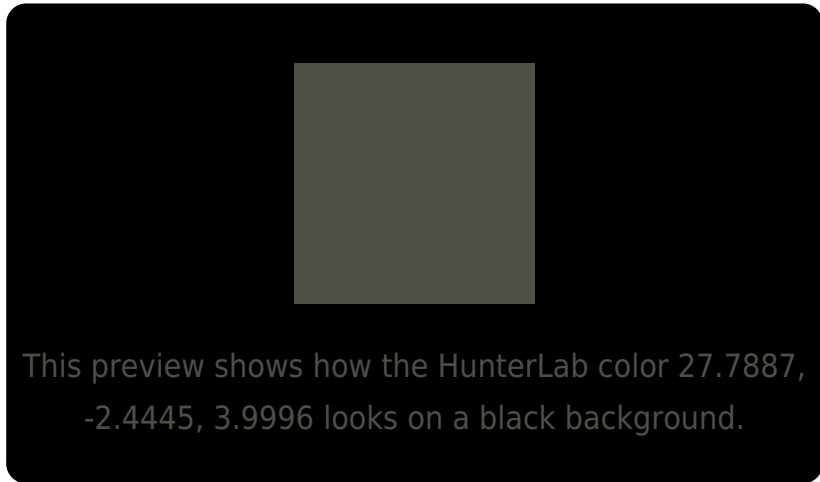
Large Text (above 18pt) WCAG AA ✓ Pass

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

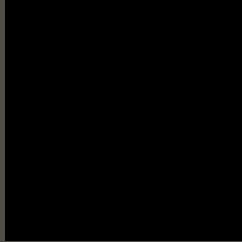
Any Text WCAG AA × Fail

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 27.7887, -2.4445, 3.9996 Background



This preview shows how black text looks on a background with the HunterLab color 27.7887, -2.4445, 3.9996.



This preview shows how white text looks on a background with the HunterLab color 27.7887, -2.4445, 3.9996.

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

27.7887, -2.4445, 3.9996

Protanopia

27.7678, -1.1928, 3.9988

Deuteranopia

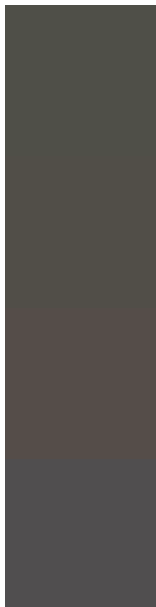
27.7932, 1.5310, 3.7062



Tritanopia

27.7157, 0.4995, -0.4195

Trichromacy



Original Color

27.7887, -2.4445, 3.9996

Protanomaly

27.6875, -1.4715, 3.9065

Deuteranomaly

27.7850, 0.2189, 3.6743

Tritanomaly

27.7827, -0.7933, 1.3197

Monochromacy



Original Color

27.7887, -2.4445, 3.9996

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.5505, -1.7537, 2.2312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7887, -2.4445, 3.9996 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(79, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(79, 79, 72)  
}
```

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(79, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 79, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7887, -2.4445, 3.9996 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(79, 79, 72) }
```


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

```
.border{ border-color:rgb(79, 79, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 79, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(79, 79, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.7887, -2.4445, 3.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 79, 72) }
```

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

```
.background{ background-color: rgb(79, 79,  
72) }
```

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