

Converting Colors

HunterLab(27.4199, -2.4564,
2.5144)

Have a look what the booklet for
HunterLab(27.4199, -2.4564, 2.5144)
contains.

HunterLab(27.3739, -2.4223, 2.4074)	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(27.3739, -2.4223,
2.4074)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4E4B
RGB	76, 78, 75
RGB Percent	30%, 31%, 29%
CMY	0.7020, 0.6941, 0.7059
CMYK	0.03, 0.00, 0.04, 0.69
HSL	100°, 2%, 30%
HSV	100°, 4%, 31%
XYZ	6.9749, 7.4933, 7.7354
YIQ	77.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

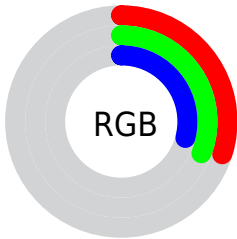
Format	Color
RYB	75, 78, 77
Decimal	5000779
CIELab	32.91, -1.46, 1.49
CIElCh	33, 2.086, 134.576
Yxy	7.4936, 0.3141, 0.3375
Android (android.graphics.Color)	4283190859 (0xFF4C4E4B)
YUV	77.0600, -1.0156, -0.9296
Hunter-Lab	27.3739, -2.4223, 2.4074

Details

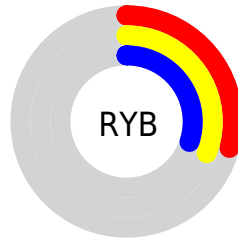
The HunterLab color $[27.3739, -2.4223, 2.4074]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[26.7586, -0.4518, 0.5093]$, and the grayscale version is $[27.2679, -1.4549, 1.4815]$.

A 20% lighter version of the original color is $[45.8192, -3.4960, 3.4973]$, and $[12.4501, -1.5004, 1.4721]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.8118, -4.7954, 4.6248]$, and if you desaturate by 10%, it is $[27.9801, 0.0867, -0.0132]$.

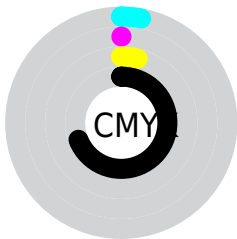
Distribution



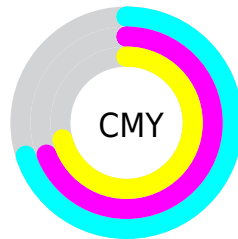
- Red (30%)
- Green (31%)
- Blue (29%)



- Red (29%)
- Yellow (31%)
- Blue (30%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3739, -2.4223, 2.4074 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 27.3739, -2.4223, 2.4074 by changing the saturation by 10% instead.

■ 27.3739, -2.4223,
2.4074

■ 27.3739, -2.4223,
2.4074

■ 131.0361, -8.6254,
8.6972

■ 19.4234, -1.8929,
1.8721

■ 45.7816, -3.5881,
3.5870

■ 12.4388, -1.3995,
1.3740

■ 56.1011, -4.2201,
4.2273

■ 5.6712, -1.4276,
1.3946

■ 67.0971, -4.8833,
4.8996

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.7303, -5.5763,
5.6024

0.0000, NaN, NaN

■ 90.9675, -6.2980,
6.3346

0.0000, NaN, NaN

103.7802, -7.0474,

0.0000, NaN, NaN

117.1437, -7.8235,
7.8829

■ 27.3739, -2.4223,
2.4074

■ 27.3739, -2.4223,
2.4074

■ 26.8118, -4.7954,
4.6248

■ 27.9801, 0.0867,
-0.0132

■ 26.2932, -7.0175,
6.6253

■ 28.6274, 2.7203,
-2.6248

■ 25.8194, -9.0766,
8.3985

■ 29.3149, 5.4647,
-5.4129

■ 25.3912, -10.9609,
9.9358

■ 30.0413, 8.3075,
-8.3636

■ 25.0087, -12.6605,
11.2316

■ 30.8049, 11.2370,
-11.4629

■ 24.6718, -14.1674,
12.2843

■ 31.6043, 14.2423,
-14.6976

■ 24.3801, -15.4768,
13.0968

■ 32.4379, 17.3136,
-18.0551

■ 24.1325, -16.5871,
13.6774

■ 33.3040, 20.4420,
-21.5238

■ 23.9238, -17.5230,
14.0934

■ 34.2013, 23.6194,
-25.0929

Harmonies

Analogous

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



27.3745, -1.8082, 2.7291



27.3739, -2.4223, 2.4074



27.3745, -2.7784, 1.8365

Triad

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



27.3745, -2.4229, 2.4078



27.3745, -1.8278, 0.1955



27.3745, -0.1151, 1.8180

Complementary

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



27.3739, -2.4223, 2.4074



26.7586, -0.4518, 0.5093

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.



27.3745, -0.1205, 1.1390



27.3739, -2.4223, 2.4074



27.3745, -1.1143, 0.1903

Square

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



27.3745, -2.4229, 2.4078



27.3745, -2.4372, 0.5536



27.3745, -0.4878, 0.5394



27.3745, -0.4732, 2.3946

Rectangle

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



27.3739, -2.4223, 2.4074



27.3745, -2.8227, 1.3852



27.3745, -0.4878, 0.5394



27.3745, -0.0744, 1.5945

Sweetspot

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



27.3745, -2.4229, 2.4078



36.3691, -2.2857, 2.3076



27.2687, -1.4657, 2.3034



18.1582, -1.1226, 1.1343



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.



27.3745, -2.4229, 2.4078



36.0473, -3.6298, 3.5875



27.3128, -2.6149, 2.1382



13.8474, -1.3936, 1.3774



31.3726, -24.1195, 18.9094



76.0727, -59.9796, 45.8256

Inverse Universe

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



26.7586, -0.4518, 0.5093



34.9525, -0.1255, 0.2122



26.8235, -0.2554, 0.7984



13.4274, -0.0491, 0.0824



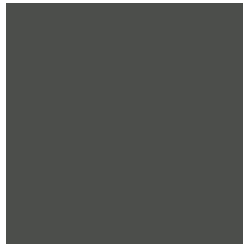
14.7957, 31.8216, -40.6985



35.3026, 76.5602, -102.0197

Previews

White Background



This preview shows how the HunterLab color 27.3739, -2.4223, 2.4074 looks on a white background.

Color Contrast Check

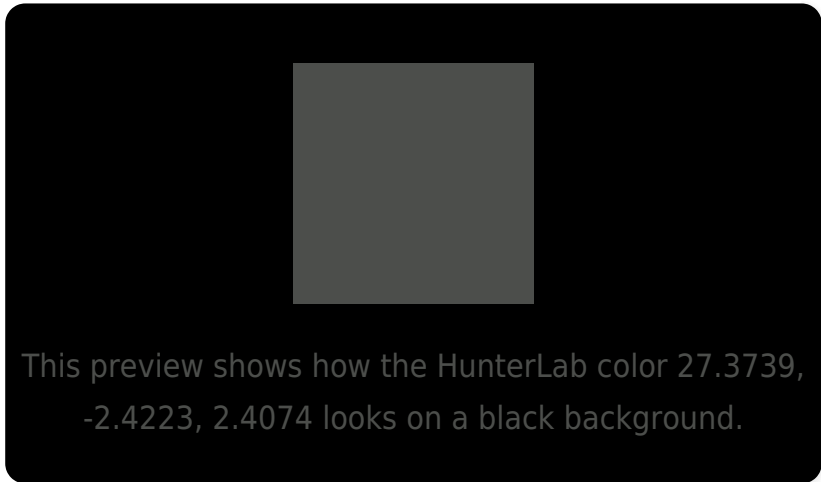
Large Text (above 18pt) WCAG AA ✓ Pass

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

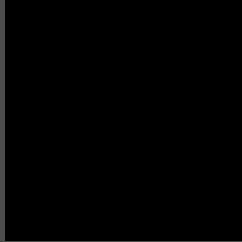
Any Text WCAG AA × Fail

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 27.3739, -2.4223, 2.4074 Background



This preview shows how black text looks on a background with the HunterLab color 27.3739, -2.4223, 2.4074.

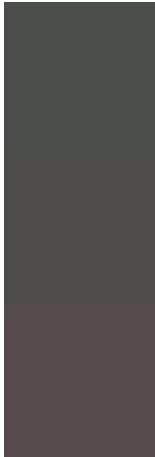


This preview shows how white text looks on a background with the HunterLab color 27.3739, -2.4223, 2.4074.

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

27.3739, -2.4223, 2.4074

Protanopia

27.3211, -1.3309, 2.7526

Deuteranopia

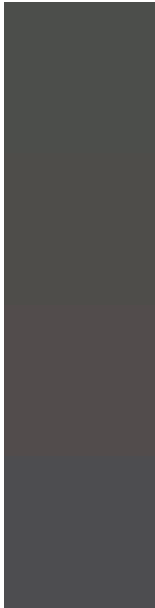
27.3592, 1.4902, 2.0672



Tritanopia

27.4045, -0.5669, -0.8288

Trichromacy



Original Color

27.3739, -2.4223, 2.4074

Protanomaly

27.2431, -1.6023, 2.6595

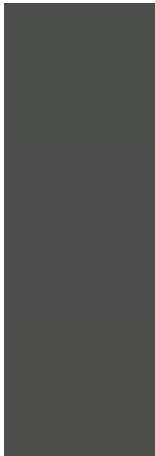
Deuteranomaly

27.3579, 0.2013, 2.0431

Tritanomaly

27.3216, -1.0188, 0.3480

Monochromacy



Original Color

27.3739, -2.4223, 2.4074

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.2164, -1.5947, 1.8475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3739, -2.4223, 2.4074 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(76, 78, 75)` looks like.

```
.text, #text, p{  
    color:rgb(76, 78, 75)  
}
```

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(76, 78, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 78, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3739, -2.4223, 2.4074 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(76, 78, 75) }
```


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

```
.border{ border-color:rgb(76, 78, 75) }
```

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

Here you see how a box with a 4 pixel rgb(76, 78, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 78, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 78, 75);  
box-shadow:4px 4px 4px 4px rgb(76, 78, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.3739, -2.4223, 2.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 78, 75) }
```

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

```
.background{ background-color: rgb(76, 78,  
75) }
```

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