

Converting Colors

HunterLab(24.6433, -1.3149,
1.3389)

Have a look what the booklet for
HunterLab(24.6433, -1.3149, 1.3389)
contains.

HunterLab(24.7479, -1.3205, 1.3446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(24.7479, -1.3205,
1.3446)**

Conversions

Conversions Part 1

Format	Color
Hex	464646
RGB	70, 70, 70
RGB Percent	27%, 27%, 27%
CMY	0.7255, 0.7255, 0.7255
CMYK	0.00, 0.00, 0.00, 0.73
HSL	123°, 0%, 27%
HSV	123°, 0%, 27%
XYZ	5.8214, 6.1246, 6.6697
YIQ	70.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
RYB	70, 70, 70
Decimal	4605510
CIELab	29.73, 0.00, -0.00
CIELCh	30, 0.004, 288.738
Yxy	6.1248, 0.3127, 0.3290
Android (android.graphics.Color)	4282795590 (0xFF464646)
YUV	70.0000, 0.0000, 0.0000
Hunter-Lab	24.7479, -1.3205, 1.3446

Details

The HunterLab color **24.7479, -1.3205, 1.3446** is a dark color, and the websafe version is hex **333333**, and the color name is **charcoal**. A complement of this color would be **24.7482, -1.3199, 1.3443**, and the grayscale version is **24.7484, -1.3205, 1.3446**.

A 20% lighter version of the original color is **42.5634, -2.2711, 2.3126**, and **10.4690, -0.5586, 0.5688** is the 20% darker color. If you saturate the color by 10%, you get **24.0833, -3.9969, 3.0676**, and if you desaturate by 10%, it is **25.4741, 1.5151, -0.4697**.

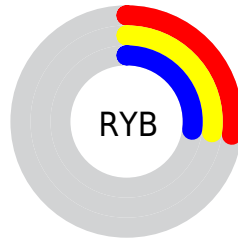
Distribution



Red (27%)

Green (27%)

Blue (27%)



Red (27%)

Yellow (27%)

Blue (27%)

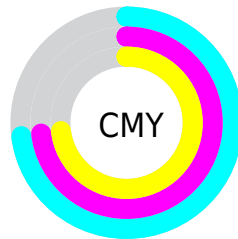


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7479, -1.3205, 1.3446 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 24.7479, -1.3205, 1.3446 by changing the saturation by 10% instead.

■ 24.7479, -1.3205,
1.3446

■ 24.7479, -1.3205,
1.3446

■ 126.5622, -6.7585,
6.8855

■ 17.0914, -0.9122,
0.9284

■ 42.6493, -2.2770,
2.3190

■ 10.4437, -0.5572,
0.5669

■ 52.7442, -2.8161,
2.8683

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5296, -3.3921,
3.4552

0.0000, NaN, NaN

■ 74.9640, -4.0028,
4.0774

0.0000, NaN, NaN

■ 87.0124, -4.6463,
4.7331

0.0000, NaN, NaN

0.0000, NaN, NaN

99.6450, -5.3209,

112.8358, -6.0254,
6.1384

■ 24.7479, -1.3205,
1.3446

■ 24.7479, -1.3205,
1.3446

■ 24.0833, -3.9969,
3.0676

■ 25.4741, 1.5151,
-0.4697

■ 23.4811, -6.4883,
4.6830

■ 26.2578, 4.4886,
-2.3618

■ 22.9437, -8.7718,
6.1755

■ 27.0967, 7.5779,
-4.3180

■ 22.4722, -10.8249,
7.5303

■ 27.9879, 10.7635,
-6.3262

■ 22.0675, -12.6281,
8.7342

■ 28.9286, 14.0282,
-8.3758

■ 21.7291, -14.1666,
9.7764

■ 29.9159, 17.3570,
-10.4578

■ 21.4558, -15.4313,
10.6495

■ 30.9470, 20.7372,
-12.5645

■ 21.2453, -16.4208,
11.3507

■ 32.0192, 24.1580,
-14.6898

■ 21.0899, -17.1592,
11.8790

■ 33.1301, 27.6106,
-16.8285

Harmonies

Analogous

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



24.7484, -1.3223, 1.3449



24.7479, -1.3205, 1.3446



24.7484, -1.3201, 1.3456

Triad

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



24.7484, -1.3211, 1.3450



24.7484, -1.3203, 1.3488



24.7484, -1.3242, 1.3476

Complementary

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



24.7479, -1.3205, 1.3446



24.7482, -1.3199, 1.3443

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.



24.7484, -1.3236, 1.3486



24.7479, -1.3205, 1.3446



24.7484, -1.3214, 1.3493

Square

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



24.7484, -1.3211, 1.3450



24.7484, -1.3196, 1.3478



24.7484, -1.3226, 1.3493



24.7484, -1.3241, 1.3464

Rectangle

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



24.7479, -1.3205, 1.3446



24.7484, -1.3196, 1.3463



24.7484, -1.3226, 1.3493



24.7484, -1.3240, 1.3479

Sweetspot

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



24.7484, -1.3211, 1.3450



32.6403, -1.7416, 1.7734



24.7485, -1.3207, 1.3451



16.4960, -0.8802, 0.8963



64.8100, -3.4581, 3.5212

Same Dimension

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



24.7484, -1.3211, 1.3450



32.6403, -1.7416, 1.7734



24.7484, -1.3210, 1.3447



13.1868, -0.7036, 0.7165



30.0332, -25.6256, 17.7793



74.1185, -63.4379, 44.3026

Inverse Universe

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



24.7482, -1.3199, 1.3443



32.6403, -1.7416, 1.7734



24.7482, -1.3200, 1.3445



13.1868, -0.7036, 0.7165



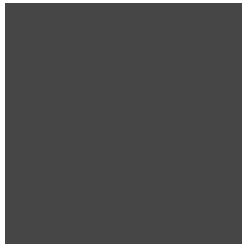
18.6974, 36.3940, -21.8256



46.1166, 89.6978, -53.3134

Previews

White Background



This preview shows how the HunterLab color 24.7479, -1.3205, 1.3446 looks on a white background.

Color Contrast Check

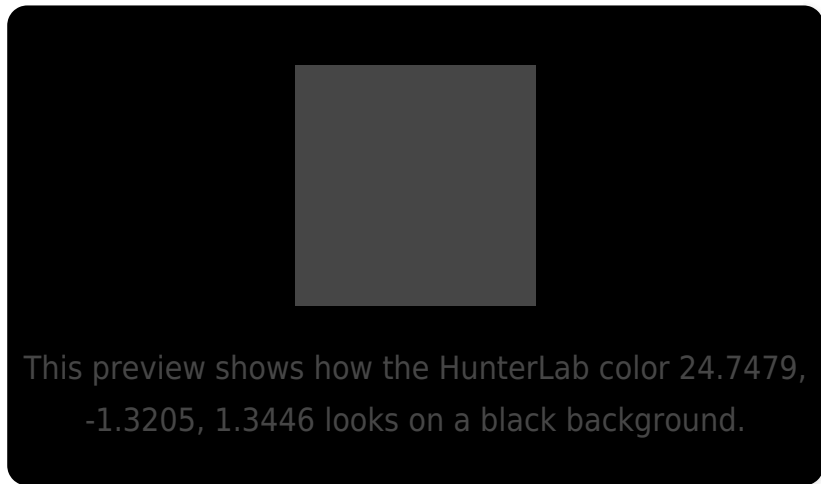
Large Text (above 18pt) WCAG AA ✓ Pass

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

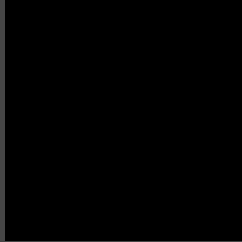
Any Text WCAG AA × Fail

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 24.7479, -1.3205, 1.3446 Background



This preview shows how black text looks on a background with the HunterLab color 24.7479, -1.3205, 1.3446.

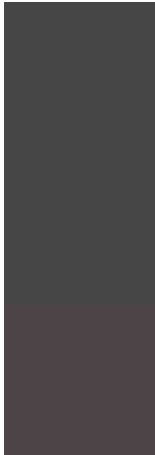


This preview shows how white text looks on a background with the HunterLab color 24.7479, -1.3205,

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

24.7479, -1.3205, 1.3446

Protanopia

24.8236, -1.0577, 1.4381

Deuteranopia

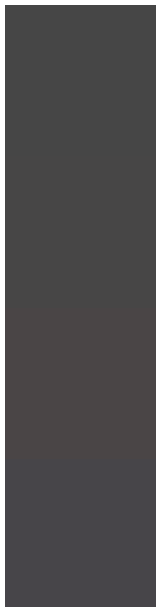
24.7244, 1.1553, 1.3602



Tritanopia

24.7059, 0.0903, -0.7494

Trichromacy



Original Color

24.7479, -1.3205, 1.3446

Protanomaly

24.8236, -1.0577, 1.4381

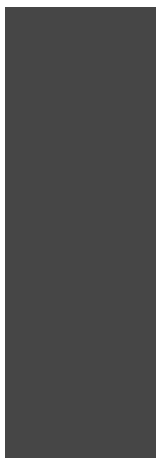
Deuteranomaly

24.8078, 0.1730, 1.4412

Tritanomaly

24.6513, -0.2061, 0.0260

Monochromacy



Original Color

24.7479, -1.3205, 1.3446

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.7479, -1.3205, 1.3446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7479, -1.3205, 1.3446 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(70, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 70)  
}
```

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(70, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7479, -1.3205, 1.3446 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(70, 70, 70) }
```

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

```
.border{ border-color:rgb(70, 70, 70) }
```

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

Here you see how a box with a 4 pixel rgb(70, 70, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 70, 70)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 24.7479, -1.3205, 1.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 70, 70) }
```

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

```
.background{ background-color: rgb(70, 70,  
70) }
```

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