

Converting Colors

HunterLab(24.6147, 1.4247,
3.3419)

Have a look what the booklet for
HunterLab(24.6147, 1.4247, 3.3419)
contains.

HunterLab(24.5034, 1.3696, 3.3863)	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(24.5034, 1.3696,
3.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4340
RGB	78, 67, 64
RGB Percent	31%, 26%, 25%
CMY	0.6941, 0.7372, 0.7490
CMYK	0.00, 0.14, 0.18, 0.69
HSL	13°, 10%, 28%
HSV	13°, 18%, 31%
XYZ	6.0744, 6.0042, 5.6893
YIQ	69.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

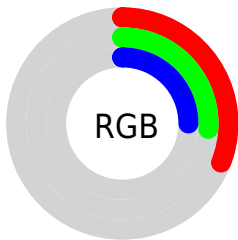
Format	Color
R_{YB}	78, 68, 64
Decimal	5129024
CIE Lab	29.42, 4.12, 3.55
CIE LCh	29, 5.433, 40.742
Yxy	6.0044, 0.3419, 0.3379
Android (android.graphics.Color)	4283319104 (0xFF4E4340)
YUV	69.9470, -2.9319, 7.0625
Hunter-Lab	24.5034, 1.3696, 3.3863

Details

The HunterLab color **24.5034, 1.3696, 3.3863** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.8303, -3.7019, -0.6927**, and the grayscale version is **24.7378, -1.3199, 1.3441**.

A 20% lighter version of the original color is **42.3596, 0.9112, 4.6617**, and **10.2532, 1.7492, 1.9593** is the 20% darker color. If you saturate the color by 10%, you get **22.8720, 3.0746, 4.3820**, and if you desaturate by 10%, it is **26.2053, -0.2474, 2.3490**.

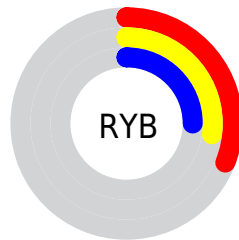
Distribution



Red (31%)

Green (26%)

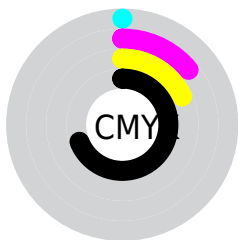
Blue (25%)



Red (31%)

Yellow (27%)

Blue (25%)

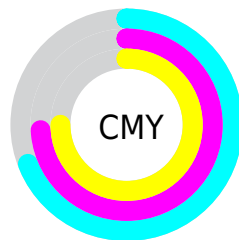


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (69%)



Cyan (69%)

Magenta (74%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5034, 1.3696, 3.3863 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 24.5034, 1.3696, 3.3863 by changing the saturation by 10% instead.

■ 24.5034, 1.3696,
3.3863

■ 24.5034, 1.3696,
3.3863

■ 126.1406, -2.1778,
10.5202

■ 16.8754, 1.4772,
2.7080

■ 42.3560, 0.9307,
4.8040

■ 10.2605, 1.4883,
2.0510

■ 52.4293, 0.6215,
5.5478

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.1946, 0.2609,
6.3161

0.0000, NaN, NaN

■ 74.6100, -0.1464,
7.1089

0.0000, NaN, NaN

■ 86.6403, -0.5966,
7.9260

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2556, -1.0868,

112.4300, -1.6146,
9.6321

■ 24.5034, 1.3696,
3.3863

■ 24.5034, 1.3696,
3.3863

■ 22.8720, 3.0746,
4.3820

■ 26.2053, -0.2474,
2.3490

■ 21.3185, 4.8749,
5.3237

■ 27.9682, -1.7811,
1.2774

■ 19.8542, 6.7701,
6.1966

■ 29.7863, -3.2404,
0.1780

■ 18.4916, 8.7533,
6.9811

■ 31.6540, -4.6332,
-0.9444

■ 17.2446, 10.8051,
7.6530

■ 33.5668, -5.9670,
-2.0866

■ 16.1286, 12.8889,
8.1842

■ 35.5206, -7.2489,
-3.2460

■ 15.1593, 14.9459,
8.5469

■ 37.5120, -8.4850,
-4.4206

■ 14.3359, 16.8312,
8.9383

■ 39.5383, -9.6809,
-5.6092

■ 14.1847, 17.1830,
9.0414

■ 41.5968, -10.8415,
-6.8106

Harmonies

Analogous

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



24.5039, 2.1850, 1.9396



24.5034, 1.3696, 3.3863



24.5039, -0.1569, 4.2427

Triad

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



24.5039, 1.3688, 3.3867



24.5039, -4.4911, 2.3950



24.5039, -0.6604, -2.1262

Complementary

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



24.5034, 1.3696, 3.3863



25.8303, -3.7019, -0.6927

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.



24.5039, -2.4398, -1.9822



24.5034, 1.3696, 3.3863



24.5039, -4.6171, 0.7122

Square

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



24.5039, 1.3688, 3.3867



24.5039, -3.5269, 3.6994



24.5039, -3.8762, -0.9136



24.5039, 0.9911, -1.2939

Rectangle

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



24.5034, 1.3696, 3.3863



24.5039, -1.3536, 4.4027



24.5039, -3.8762, -0.9136



24.5039, -1.2639, -2.1917

Sweetspot

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



24.5039, 1.3688, 3.3867



35.2422, -0.8966, 2.7152



24.0776, 4.2150, -1.5699



17.5491, -0.4101, 1.3810



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.



24.5039, 1.3688, 3.3867



31.2984, 2.8895, 5.1204



26.1932, -1.5230, 5.1339



13.2338, -0.0707, 1.2283



18.4217, 23.6123, 11.7647



43.5363, 61.4894, 27.9033

Inverse Universe

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



25.8303, -3.7019, -0.6927



33.5113, -5.5831, -1.6885



24.0803, -0.8606, -2.9237



13.5608, -1.3188, 0.2229



25.9151, -9.0071, -12.9480



62.0060, -20.4381, -33.3822

Previews

White Background



This preview shows how the HunterLab color 24.5034, 1.3696, 3.3863 looks on a white background.

Color Contrast Check

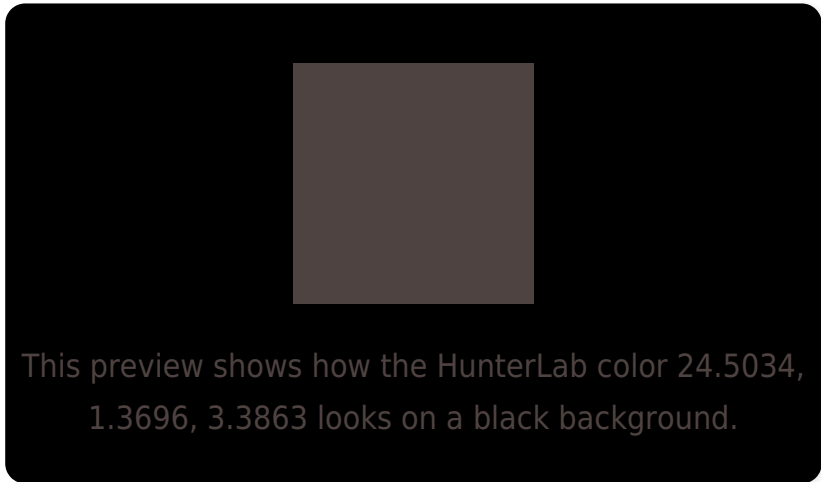
Large Text (above 18pt) WCAG AA ✓ Pass

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

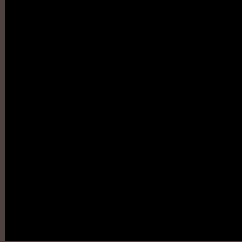
Any Text WCAG AA × Fail

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 24.5034, 1.3696, 3.3863 Background



This preview shows how black text looks on a background with the HunterLab color 24.5034, 1.3696, 3.3863.

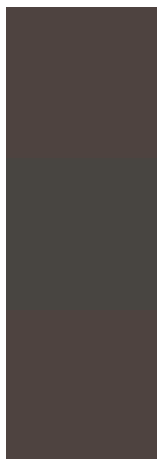


This preview shows how white text looks on a background with the HunterLab color 24.5034, 1.3696,

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

24.5034, 1.3696, 3.3863

Protanopia

24.5268, -1.0401, 3.0058

Deuteranopia

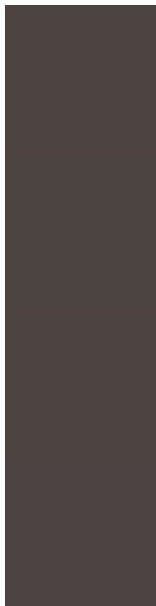
24.5034, 1.3696, 3.3863



Tritanopia

24.5227, 3.0156, 0.7507

Trichromacy



Original Color

24.5034, 1.3696, 3.3863

Protanomaly

24.4372, -0.0683, 2.9233

Deuteranomaly

24.5034, 1.3696, 3.3863

Tritanomaly

24.4460, 2.6081, 1.8453

Monochromacy



Original Color

24.5034, 1.3696, 3.3863

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.6781, -0.3724, 2.0609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5034, 1.3696, 3.3863 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(78, 67, 64)` looks like.

```
.text, #text, p{  
    color:rgb(78, 67, 64)  
}
```

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(78, 67, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 67, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5034, 1.3696, 3.3863 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(78, 67, 64) }
```


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

```
.border{ border-color:rgb(78, 67, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 67, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 67, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 67, 64);  
box-shadow:4px 4px 4px 4px rgb(78, 67, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5034, 1.3696, 3.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 67, 64) }
```

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

```
.background{ background-color: rgb(78, 67,  
64) }
```

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