

Converting Colors

HunterLab(24.3417, -1.2864,
0.3880)

Have a look what the booklet for
HunterLab(24.3417, -1.2864, 0.3880)
contains.

HunterLab(24.3724, -1.2765, 0.4940)	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(24.3724, -1.2765,
0.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	444547
RGB	68, 69, 71
RGB Percent	27%, 27%, 28%
CMY	0.7333, 0.7294, 0.7216
CMYK	0.04, 0.03, 0.00, 0.72
HSL	220°, 2%, 27%
HSV	220°, 4%, 28%
XYZ	5.6494, 5.9401, 6.8101
YIQ	68.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

Format	Color
RYB	68, 69, 71
Decimal	4474183
CIELab	29.26, 0.04, -1.35
CIELCh	29, 1.353, 271.648
Yxy	5.9404, 0.3070, 0.3228
Android (android.graphics.Color)	4282664263 (0xFF444547)
YUV	68.9290, 1.0210, -0.8147
Hunter-Lab	24.3724, -1.2765, 0.4940

Details

The HunterLab color $24.3724, -1.2765, 0.4940$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $24.7735, -1.3314, 2.1532$, and the grayscale version is $24.3672, -1.3002, 1.3239$.

A 20% lighter version of the original color is $42.1515, -2.2257, 1.3857$, and $10.1455, -0.5141, -0.1777$ is the 20% darker color. If you saturate the color by 10%, you get $22.6746, -1.0714, -1.6347$, and if you desaturate by 10%, it is $26.1090, -1.4033, 2.5262$.

Distribution



 Red (27%)

 Green (27%)

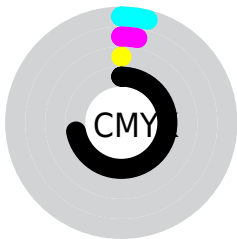
 Blue (28%)



 Red (27%)

 Yellow (27%)

 Blue (28%)



 Cyan (4%)

 Magenta (3%)

 Yellow (0%)

 Black (72%)



 Cyan (73%)

 Magenta (73%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.3724, -1.2765, 0.4940 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 24.3724, -1.2765, 0.4940 by changing the saturation by 10% instead.

■ 24.3724, -1.2765,
0.4940

■ 24.3724, -1.2765,
0.4940

■ 125.9142, -6.6824,
5.4315

■ 16.7597, -0.8733,
0.1741

■ 42.1987, -2.2242,
1.3029

■ 10.1626, -0.5243,
-0.0771

■ 52.2604, -2.7594,
1.7788

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 63.0149, -3.3317,
2.2970

0.0000, NaN, NaN

■ 74.4200, -3.9390,
2.8543

0.0000, NaN, NaN

■ 86.4406, -4.5792,
3.4484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.0467, -5.2507,

4.0771

0.0000, NaN, NaN

112.2121, -5.9522,
4.7386

■ 24.3724, -1.2765,
0.4940

■ 24.3724, -1.2765,
0.4940

■ 22.6746, -1.0714,
-1.6347

■ 26.1090, -1.4033,
2.5262

■ 21.0179, -0.7728,
-3.8790

■ 27.8794, -1.4616,
4.4758

■ 19.4076, -0.3645,
-6.2594

■ 29.6815, -1.4610,
6.3559

■ 17.8497, 0.1735,
-8.7996

■ 31.5128, -1.4094,
8.1773

■ 16.3511, 0.8652,
-11.5255

■ 33.3714, -1.3130,
9.9489

■ 14.9209, 1.7384,
-14.4635

■ 35.2554, -1.1772,
11.6782

■ 13.5699, 2.8233,
-17.6355

■ 37.1634, -1.0064,
13.3716

■ 12.3112, 4.1494,
-21.0508

■ 39.0940, -0.8045,
15.0345

■ 11.1320, 5.6549,
-24.7921

■ 41.0461, -0.5747,
16.6713

Harmonies

Analogous

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



24.3729, -1.7090, 0.5954



24.3724, -1.2765, 0.4940



24.3729, -0.8488, 0.6197

Triad

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



24.3729, -1.2770, 0.4944



24.3729, -0.5651, 1.7522



24.3729, -2.0543, 1.7121

Complementary

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



24.3724, -1.2765, 0.4940



24.7735, -1.3314, 2.1532

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.



24.3729, -1.7515, 2.0131



24.3724, -1.2765, 0.4940



24.3729, -0.8919, 2.0359

Square

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



24.3729, -1.2770, 0.4944



24.3729, -0.4359, 1.3502



24.3729, -1.3265, 2.1306



24.3729, -2.1558, 1.3031

Rectangle

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



24.3724, -1.2765, 0.4940



24.3729, -0.6235, 0.8134



24.3729, -1.3265, 2.1306



24.3729, -1.9728, 1.8290

Sweetspot

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



24.3729, -1.2770, 0.4944



32.4065, -1.7233, 1.4975



24.8538, -2.2611, 1.4719



16.3916, -0.8721, 0.7732



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



24.3729, -1.2770, 0.4944



31.4761, -1.6394, 0.3805



24.1547, -0.7398, 0.2383



12.7196, -0.6626, 0.1576



14.1694, 10.7643, -40.9476



32.6746, 32.5472, -111.1004

Inverse Universe

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



24.2974, -0.3519, 1.2263



31.3567, -0.1615, 1.5557



24.9932, -1.8692, 2.3943



12.6717, -0.0696, 0.6291



16.7001, 29.2633, 5.6451



41.0377, 71.5410, 16.7297

Previews

White Background



This preview shows how the HunterLab color 24.3724, -1.2765, 0.4940 looks on a white background.

Color Contrast Check

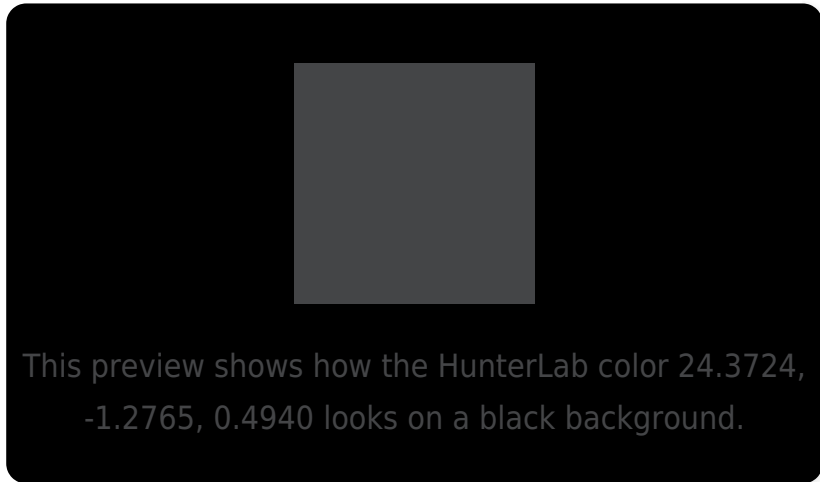
Large Text (above 18pt) WCAG AA ✓ Pass

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

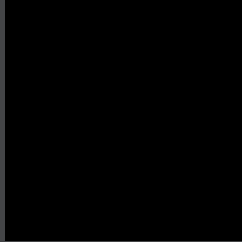
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

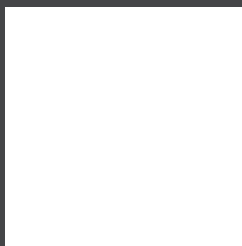
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 24.3724, -1.2765, 0.4940 Background



This preview shows how black text looks on a background with the HunterLab color 24.3724, -1.2765, 0.4940.



This preview shows how white text looks on a background with the HunterLab color 24.3724, -1.2765,

0.4940.

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

24.3724, -1.2765, 0.4940

Protanopia

24.5220, -0.7579, 0.6838

Deuteranopia

24.3415, 1.1705, 0.4995



Tritanopia

24.4532, -0.8344, -0.6548

Trichromacy



Original Color

24.3724, -1.2765, 0.4940

Protanomaly

24.4466, -1.0186, 0.5884

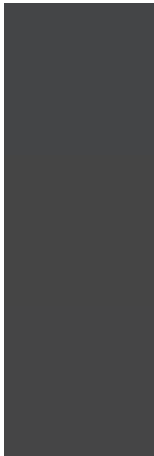
Deuteranomaly

24.4272, 0.1976, 0.5862

Tritanomaly

24.4259, -0.9838, -0.2665

Monochromacy



Original Color

24.3724, -1.2765, 0.4940

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.4206, -1.1612, 0.9596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.3724, -1.2765, 0.4940 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(68, 69, 71)` looks like.

```
.text, #text, p{  
    color:rgb(68, 69, 71)  
}
```

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(68, 69, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 69, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 24.3724, -1.2765, 0.4940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

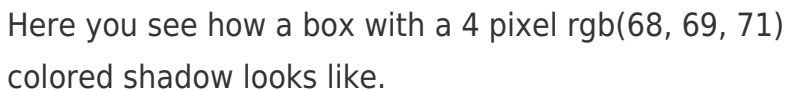
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(68, 69, 71) }
```


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

```
.border{ border-color:rgb(68, 69, 71) }
```

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



Here you see how a box with a 4 pixel `rgb(68, 69, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 69, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 69, 71);  
box-shadow:4px 4px 4px 4px rgb(68, 69, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.3724, -1.2765, 0.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 69, 71) }
```

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

```
.background{ background-color: rgb(68, 69,  
71) }
```

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