

Converting Colors

HunterLab(25.7489, -3.1675,
3.7441)

Have a look what the booklet for
HunterLab(25.7489, -3.1675, 3.7441)
contains.

HunterLab(25.7729, -3.1286, 3.6103)	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(25.7729, -3.1286,
3.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	474A43
RGB	71, 74, 67
RGB Percent	28%, 29%, 26%
CMY	0.7216, 0.7098, 0.7373
CMYK	0.04, 0.00, 0.09, 0.71
HSL	86°, 5%, 28%
HSV	86°, 9%, 29%
XYZ	6.0605, 6.6424, 6.2729
YIQ	72.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

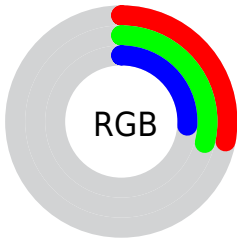
Format	Color
RYB	67, 74, 70
Decimal	4672067
CIELab	30.98, -2.74, 3.75
CIElCh	31, 4.649, 126.150
Yxy	6.6427, 0.3194, 0.3501
Android (android.graphics.Color)	4282862147 (0xFF474A43)
YUV	72.3050, -2.6154, -1.1445
Hunter-Lab	25.7729, -3.1286, 3.6103

Details

The HunterLab color **25.7729, -3.1286, 3.6103** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.1061, 0.5345, -1.0718**, and the grayscale version is **25.5742, -1.3646, 1.3895**.

A 20% lighter version of the original color is **43.9610, -4.7162, 5.1306**, and **11.1417, -1.7463, 2.2363** is the 20% darker color. If you saturate the color by 10%, you get **25.3824, -4.8552, 5.6985**, and if you desaturate by 10%, it is **26.1924, -1.2947, 1.2910**.

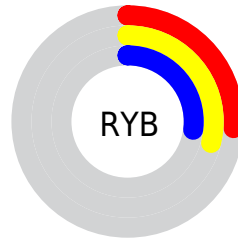
Distribution



Red (28%)

Green (29%)

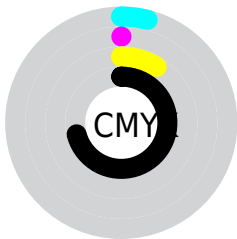
Blue (26%)



Red (26%)

Yellow (29%)

Blue (27%)

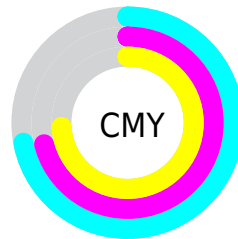


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.7729, -3.1286, 3.6103 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 25.7729, -3.1286, 3.6103 by changing the saturation by 10% instead.

■ 25.7729, -3.1286,
3.6103

■ 25.7729, -3.1286,
3.6103

■ 128.3203, -9.8733,
10.8725

■ 17.9991, -2.5106,
2.9137

■ 43.8757, -4.4447,
5.0616

■ 11.2165, -1.9139,
2.2259

■ 54.0597, -5.1428,
5.8208

■ 3.2926, -3.8052,
2.3048

■ 64.9287, -5.8676,
6.6038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.4419, -6.6187,
7.4106

0.0000, NaN, NaN

■ 88.5651, -7.3954,
8.2411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.2690, -8.1971,

114.5282, -9.0232,
9.9724

■ 25.7729, -3.1286,
3.6103

■ 25.7729, -3.1286,
3.6103

■ 25.3824, -4.8552,
5.6985

■ 26.1924, -1.2947,
1.2910

■ 25.0193, -6.4669,
7.5484

■ 26.6387, 0.6421,
-1.2530

■ 24.6845, -7.9597,
9.1564

■ 27.1120, 2.6749,
-4.0124

■ 24.3779, -9.3293,
10.5208

■ 27.6118, 4.7969,
-6.9773

■ 24.0991, -10.5731,
11.6428

■ 28.1372, 7.0016,
-10.1375

■ 23.8479, -11.6898,
12.5269

■ 28.6878, 9.2823,
-13.4821

■ 23.6235, -12.6798,
13.1817

■ 29.2628, 11.6328,
-17.0003

■ 23.4243, -13.5496,
13.6299

■ 29.8613, 14.0468,
-20.6812

■ 23.2388, -14.3653,
14.0389

■ 30.4828, 16.5186,
-24.5143

Harmonies

Analogous

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



25.7735, -1.6985, 4.0919



25.7729, -3.1286, 3.6103



25.7735, -4.0736, 2.5346

Triad

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



25.7735, -3.1292, 3.6107



25.7735, -2.5830, -1.3573



25.7735, 1.6866, 1.7080

Complementary

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



25.7729, -3.1286, 3.6103



24.1061, 0.5345, -1.0718

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.



25.7735, 1.4361, 0.2175



25.7729, -3.1286, 3.6103



25.7735, -1.0531, -1.6111

Square

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



25.7735, -3.1292, 3.6107



25.7735, -3.7636, -0.3450



25.7735, 0.4242, -1.0193



25.7735, 1.1006, 3.0364

Rectangle

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



25.7729, -3.1286, 3.6103



25.7735, -4.3131, 1.5945



25.7735, 0.4242, -1.0193



25.7735, 1.6976, 1.2098

Sweetspot

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



25.7735, -3.1292, 3.6107



34.3613, -2.6101, 2.8581



24.9625, -0.6199, 2.7580



17.2377, -1.3807, 1.5241



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



25.7735, -3.1292, 3.6107



33.9103, -4.5900, 5.3324



25.5287, -4.0015, 3.3275



13.8071, -1.6020, 1.8423



32.2652, -20.4376, 19.5238



78.1982, -51.1681, 47.2896

Inverse Universe

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



24.1061, 0.5345, -1.0718



31.2568, 1.2422, -2.1238



24.3757, 1.4468, -0.7135



12.9858, 0.2026, -0.4639



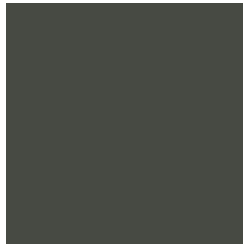
12.2017, 28.7577, -53.0593



28.8161, 69.0768, -134.3109

Previews

White Background



This preview shows how the HunterLab color 25.7729, -3.1286, 3.6103 looks on a white background.

Color Contrast Check

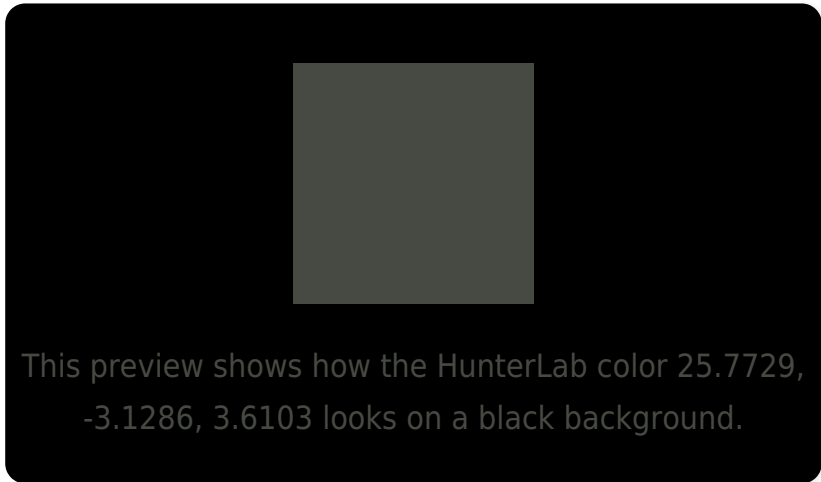
Large Text (above 18pt) WCAG AA ✓ Pass

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

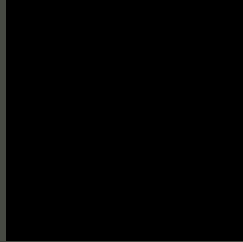
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

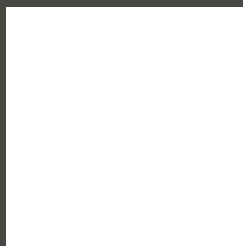
Any Text WCAG AAA × Fail

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

HunterLab 25.7729, -3.1286, 3.6103 Background



This preview shows how black text looks on a background with the HunterLab color 25.7729, -3.1286, 3.6103.



This preview shows how white text looks on a background with the HunterLab color 25.7729, -3.1286, 3.6103.

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

25.7729, -3.1286, 3.6103

Protanopia

25.8746, -1.4988, 4.1069

Deuteranopia

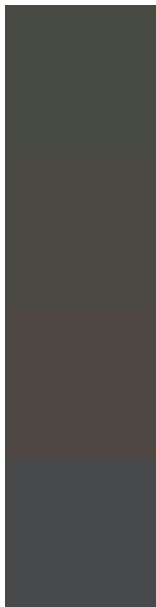
25.6739, 1.7448, 3.2213



Tritanopia

25.6929, -0.2199, -0.8048

Trichromacy



Original Color

25.7729, -3.1286, 3.6103

Protanomaly

25.7182, -2.0450, 3.9292

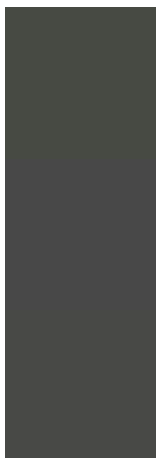
Deuteranomaly

25.5803, 0.1625, 3.0897

Tritanomaly

25.7628, -1.4967, 0.9391

Monochromacy



Original Color

25.7729, -3.1286, 3.6103

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.6613, -2.0545, 2.3886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.7729, -3.1286, 3.6103 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(71, 74, 67)` looks like.

```
.text, #text, p{  
    color:rgb(71, 74, 67)  
}
```

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(71, 74, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 25.7729, -3.1286, 3.6103 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(71, 74, 67) }
```


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

```
.border{ border-color:rgb(71, 74, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 67);  
box-shadow:4px 4px 4px 4px rgb(71, 74, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.7729, -3.1286, 3.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 67) }
```

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

```
.background{ background-color: rgb(71, 74,  
67) }
```

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