

Converting Colors

HunterLab(42.0479, -2.8717,
3.1063)

Have a look what the booklet for
HunterLab(42.0479, -2.8717, 3.1063)
contains.

HunterLab(42.0397, -2.8388, 2.9799)	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(42.0397, -2.8388,
2.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	747573
RGB	116, 117, 115
RGB Percent	45%, 46%, 45%
CMY	0.5451, 0.5412, 0.5490
CMYK	0.01, 0.00, 0.02, 0.54
HSL	90°, 1%, 45%
HSV	90°, 2%, 46%
XYZ	16.6582, 17.6734, 18.7529
YIQ	116.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

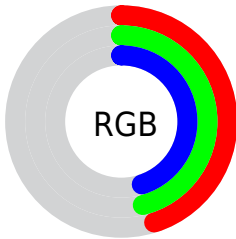
Format	Color
R_{YB}	115, 117, 116
Decimal	7632243
CIE Lab	49.10, -0.78, 0.96
CIE LCh	49, 1.240, 129.081
Yxy	17.6741, 0.3138, 0.3329
Android (android.graphics.Color)	4285822323 (0xFF747573)
YUV	116.4730, -0.7262, -0.4148
Hunter-Lab	42.0397, -2.8388, 2.9799

Details

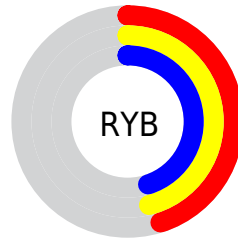
The HunterLab color $42.0397, -2.8388, 2.9799$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41.5443, -1.6161, 1.5514$, and the grayscale version is $41.9768, -2.2398, 2.2807$.

A 20% lighter version of the original color is $62.8417, -3.9908, 4.1599$, and $24.2702, -1.8372, 1.9507$ is the 20% darker color. If you saturate the color by 10%, you get $41.2709, -6.1655, 6.7747$, and if you desaturate by 10%, it is $42.8659, 0.6833, -1.2049$.

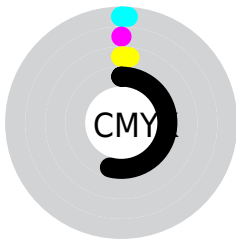
Distribution



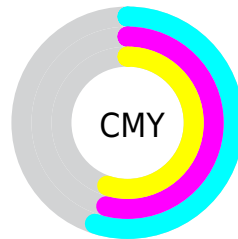
- Red (45%)
- Green (46%)
- Blue (45%)



- Red (45%)
- Yellow (46%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0397, -2.8388, 2.9799 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 42.0397, -2.8388, 2.9799 by changing the saturation by 10% instead.

■ 42.0397, -2.8388,
2.9799

■ 42.0397, -2.8388,
2.9799

■ 154.6052, -9.1765,
9.4893

■ 32.7357, -2.2950,
2.4177

■ 62.8341, -4.0360,
4.2132

■ 24.2413, -1.7888,
1.8934

■ 74.2289, -4.6836,
4.8794

■ 16.6435, -1.3243,
1.4105

■ 86.2397, -5.3622,
5.5766

■ 10.0643, -0.9050,
0.9718

■ 98.8365, -6.0702,
6.3038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.9930, -6.8067,
7.0596

0.0000, NaN, NaN

■ 125.6865, -7.5705,

0.0000, NaN, NaN

139.8966, -8.3607,
8.6532

■ 42.0397, -2.8388,
2.9799

■ 42.0397, -2.8388,
2.9799

■ 41.2709, -6.1655,
6.7747

■ 42.8659, 0.6833,
-1.2049

■ 40.5578, -9.2792,
10.1610

■ 43.7457, 4.3886,
-5.7628

■ 39.9021, -12.1671,
13.1262

■ 44.6783, 8.2608,
-10.6725

■ 39.3042, -14.8175,
15.6617

■ 45.6623, 12.2846,
-15.9122

■ 38.7640, -17.2205,
17.7638

■ 46.6960, 16.4455,
-21.4602

■ 38.2812, -19.3696,
19.4359

■ 47.7776, 20.7295,
-27.2945

■ 37.8547, -21.2617,
20.6887

■ 48.9054, 25.1236,
-33.3939

■ 37.4829, -22.8985,
21.5428

■ 50.0776, 29.6156,
-39.7378

■ 37.1632, -24.2875,
22.0303

■ 51.2924, 34.1946,
-46.3066

Harmonies

Analogous

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



42.0406, -2.3945, 3.1668



42.0397, -2.8388, 2.9799



42.0406, -3.1249, 2.6082

Triad

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



42.0406, -2.8398, 2.9806



42.0406, -2.5825, 1.4396



42.0406, -1.3078, 2.4301

Complementary

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



42.0397, -2.8388, 2.9799



41.5443, -1.6161, 1.5514

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.



42.0406, -1.3587, 1.9660



42.0397, -2.8388, 2.9799



42.0406, -2.0961, 1.3906

Square

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



42.0406, -2.8398, 2.9806



42.0406, -2.9768, 1.7175



42.0406, -1.6478, 1.5842



42.0406, -1.5090, 2.8514

Rectangle

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



42.0397, -2.8388, 2.9799



42.0406, -3.1866, 2.3028



42.0406, -1.6478, 1.5842



42.0406, -1.2959, 2.2739

Sweetspot

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



42.0406, -2.8398, 2.9806



56.3295, -3.4851, 3.6210



41.8463, -2.0949, 2.7676



27.0138, -1.6536, 1.7158



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



42.0406, -2.8398, 2.9806



56.2199, -3.9560, 4.1700



41.9594, -3.1235, 2.8813



20.7212, -1.4162, 1.4883



38.7479, -26.6169, 23.4103



85.2384, -59.9860, 51.4733

Inverse Universe

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



41.5443, -1.6161, 1.5514



55.4238, -1.9933, 1.8777



41.6271, -1.3294, 1.6553



20.4628, -0.7791, 0.7441



15.5419, 35.7206, -60.5350



33.5582, 78.0178, -137.6026

Previews

White Background



This preview shows how the HunterLab color 42.0397, -2.8388, 2.9799 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 × Fail

Black Background



This preview shows how the HunterLab color 42.0397, -2.8388, 2.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

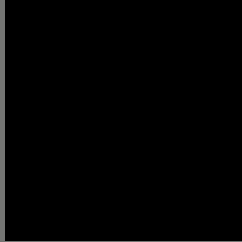
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.0397, -2.8388, 2.9799 Background



This preview shows how black text looks on a background with the HunterLab color 42.0397, -2.8388, 2.9799.



This preview shows how white text looks on a background with the HunterLab color 42.0397, -2.8388, 2.9799.

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

42.0397, -2.8388, 2.9799

Protanopia

41.9853, -1.6648, 3.3609

Deuteranopia

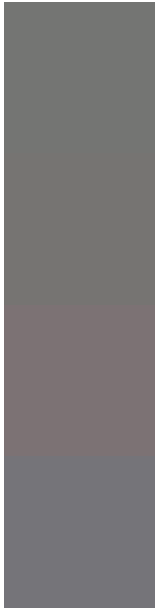
42.0243, 2.7417, 2.6317



Tritanopia

42.1347, -0.5172, -1.3475

Trichromacy



Original Color

42.0397, -2.8388, 2.9799

Protanomaly

41.9014, -1.9558, 3.2591

Deuteranomaly

41.9293, 1.0470, 2.4907

Tritanomaly

42.0157, -1.1655, 0.3431

Monochromacy



Original Color

42.0397, -2.8388, 2.9799

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.7908, -2.2299, 2.2706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0397, -2.8388, 2.9799 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(116, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 117, 115)  
}
```

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(116, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 117, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0397, -2.8388, 2.9799 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(116, 117, 115) }
```


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

```
.border{ border-color:rgb(116, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 117,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0397, -2.8388, 2.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 117, 115) }
```

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

```
.background{ background-color: rgb(116,  
117, 115) }
```

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