

Converting Colors

HunterLab(42.6172, 2.6859,
0.6536)

Have a look what the booklet for
HunterLab(42.6172, 2.6859, 0.6536)
contains.

HunterLab(42.7268, 2.7064, 0.8255)	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(42.7268, 2.7064,
0.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	80737A
RGB	128, 115, 122
RGB Percent	50%, 45%, 48%
CMY	0.4980, 0.5490, 0.5216
CMYK	0.00, 0.10, 0.05, 0.50
HSL	328°, 5%, 48%
HSV	328°, 10%, 50%
XYZ	18.5457, 18.2558, 20.9586
YIQ	119.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

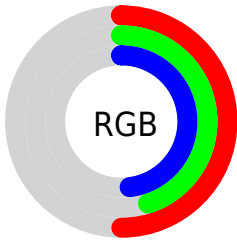
Format	Color
R_{YB}	128, 115, 122
Decimal	8418170
CIE Lab	49.81, 6.36, -2.02
CIE LCh	50, 6.674, 342.384
Yxy	18.2566, 0.3211, 0.3161
Android (android.graphics.Color)	4286608250 (0xFF80737A)
YUV	119.6850, 1.1413, 7.2923
Hunter-Lab	42.7268, 2.7064, 0.8255

Details

The HunterLab color $[42.7268, 2.7064, 0.8255]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[45.2373, -7.1877, 4.0394]$, and the grayscale version is $[43.2111, -2.3056, 2.3477]$.

A 20% lighter version of the original color is $[63.6531, 2.2210, 1.9621]$, and $[24.8145, 2.8581, 0.2799]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.2365, 7.9072, -0.6944]$, and if you desaturate by 10%, it is $[46.4031, -2.4011, 2.4975]$.

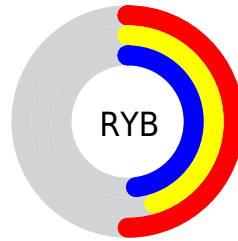
Distribution



Red (50%)

Green (45%)

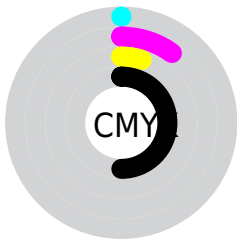
Blue (48%)



Red (50%)

Yellow (45%)

Blue (48%)

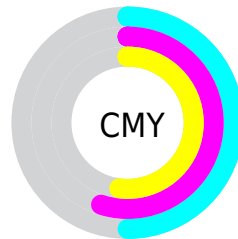


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7268, 2.7064, 0.8255 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 42.7268, 2.7064, 0.8255 by changing the saturation by 10% instead.

■ 42.7268, 2.7064,
0.8255

■ 42.7268, 2.7064,
0.8255

■ 155.6642, -0.7382,
6.1894

■ 33.3682, 2.8290,
0.4310

■ 63.6192, 2.2676,
1.7577

■ 24.8139, 2.8763,
0.0899

■ 75.0587, 1.9670,
2.2863

■ 17.1492, 2.8320,
-0.1891

■ 87.1119, 1.6183,
2.8530

■ 10.4928, 2.6718,
-0.3939

■ 99.7491, 1.2251,
3.4555

0.0000, INF, -NF

0.0000, NaN, NaN

■ 112.9443, 0.7905,
4.0919

0.0000, NaN, NaN

■ 126.6750, 0.3170,

0.0000, NaN, NaN

4.7606

0.0000, NaN, NaN

140.9209, -0.1932,
5.4602

■ 42.7268, 2.7064,
0.8255

■ 42.7268, 2.7064,
0.8255

■ 39.2365, 7.9072,
-0.6944

■ 46.4031, -2.4011,
2.4975

■ 35.9598, 13.1799,
-2.0200

■ 50.2378, -7.4062,
4.2868

■ 32.9343, 18.4657,
-3.0919

■ 54.2120, -12.3146,
6.1698

■ 30.2037, 23.6553,
-3.8357

■ 58.3093, -17.1358,
8.1292

■ 27.8170, 28.5669,
-4.1642

■ 62.5164, -21.8808,
10.1516

■ 25.8248, 32.9370,
-3.9899

■ 66.8223, -26.5612,
12.2274

■ 24.2704, 36.4434,
-3.2508

■ 71.2179, -31.1874,
14.3493

■ 23.1762, 38.7854,
-1.9456

■ 75.6955, -35.7692,
16.5115

■ 22.4005, 40.2748,
-0.3564

■ 80.2487, -40.3151,
18.7097

Harmonies

Analogous

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



42.7277, 1.2223, -1.4283



42.7268, 2.7064, 0.8255



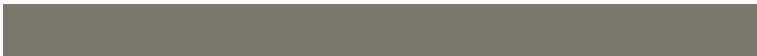
42.7277, 2.8317, 3.3566

Triad

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



42.7277, 2.7053, 0.8262



42.7277, -3.3741, 6.8124



42.7277, -5.9966, -1.0874

Complementary

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



42.7268, 2.7064, 0.8255



45.2373, -7.1877, 4.0394

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.



42.7277, -7.1662, 1.2686



42.7268, 2.7064, 0.8255



42.7277, -5.6772, 5.7674

Square

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



42.7277, 2.7053, 0.8262



42.7277, -0.7225, 6.7101



42.7277, -7.0508, 3.7729



42.7277, -3.8198, -2.5787

Rectangle

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



42.7268, 2.7064, 0.8255



42.7277, 2.1256, 4.8517



42.7277, -7.0508, 3.7729



42.7277, -6.5182, -0.3644

Sweetspot

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



42.7277, 2.7053, 0.8262



60.1271, -1.2249, 2.6497



42.2788, 1.5510, -2.5602



28.9186, -0.3525, 1.2021



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.7277, 2.7053, 0.8262



55.6904, 5.0442, 0.6498



42.5492, 1.7459, 3.3724



20.9283, 1.0484, 0.4839



22.3064, 40.1068, -0.3639

0.0000, NaN, NaN

Inverse Universe

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



42.7277, 2.7053, 0.8262



55.6904, 5.0442, 0.6498



45.4148, -6.1985, 1.5060



20.9283, 1.0484, 0.4839



22.3064, 40.1068, -0.3639

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.7268, 2.7064, 0.8255 looks on a white background.

Color Contrast Check

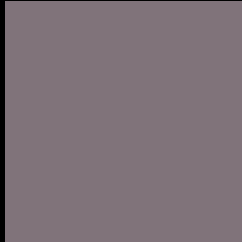
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7268, 2.7064, 0.8255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

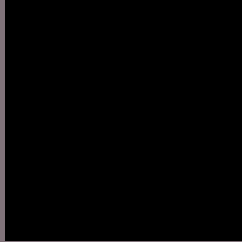
Any Text WCAG AA ✓ Pass

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 42.7268, 2.7064, 0.8255 Background



This preview shows how black text looks on a background with the HunterLab color 42.7268, 2.7064, 0.8255.



This preview shows how white text looks on a background with the HunterLab color 42.7268, 2.7064,

0.8255.

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

42.7268, 2.7064, 0.8255

Protanopia

42.8183, -1.0434, -0.0382

Deuteranopia

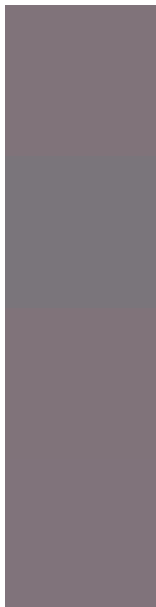
42.7268, 2.7064, 0.8255



Tritanopia

42.7854, 3.0203, -0.0076

Trichromacy



Original Color

42.7268, 2.7064, 0.8255

Protanomaly

42.7671, 0.1290, 0.3765

Deuteranomaly

42.7268, 2.7064, 0.8255

Tritanomaly

42.7560, 2.8627, 0.4108

Monochromacy



Original Color

42.7268, 2.7064, 0.8255

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.0677, -0.3589, 1.6291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7268, 2.7064, 0.8255 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(128, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 115, 122)  
}
```

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(128, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 115, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7268, 2.7064, 0.8255 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(128, 115, 122) }
```


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

```
.border{ border-color:rgb(128, 115, 122) }
```

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

Here you see how a box with a 4 pixel rgb(128, 115, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 115,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7268, 2.7064, 0.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 115, 122) }
```

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

```
.background{ background-color: rgb(128,  
115, 122) }
```

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