

Converting Colors

HunterLab(42.8107, 3.0990,
7.2573)

Have a look what the booklet for
HunterLab(42.8107, 3.0990, 7.2573)
contains.

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Color

**HunterLab(42.7166, 3.2325,
7.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	87726B
RGB	135, 114, 107
RGB Percent	53%, 45%, 42%
CMY	0.4706, 0.5529, 0.5804
CMYK	0.00, 0.16, 0.21, 0.47
HSL	15°, 12%, 47%
HSV	15°, 21%, 53%
XYZ	18.6629, 18.2471, 16.4483
YIQ	119.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

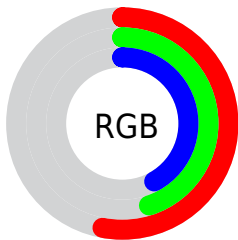
Format	Color
R_{YB}	135, 116, 107
Decimal	8876651
CIE _{Lab}	49.80, 7.02, 6.92
CIE _{LCh}	50, 9.856, 44.619
Yxy	18.2479, 0.3498, 0.3420
Android (android.graphics.Color)	4287066731 (0xFF87726B)
YUV	119.4810, -6.1531, 13.6102
Hunter-Lab	42.7166, 3.2325, 7.0716

Details

The HunterLab color $42.7166, 3.2325, 7.0716$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45.0699, -6.9667, -2.5041$, and the grayscale version is $43.1569, -2.3027, 2.3448$.

A 20% lighter version of the original color is $63.6866, 2.8853, 9.1793$, and $24.8072, 3.4311, 5.1288$ is the 20% darker color. If you saturate the color by 10%, you get $39.7826, 6.3344, 9.0169$, and if you desaturate by 10%, it is $45.7891, 0.3146, 5.0050$.

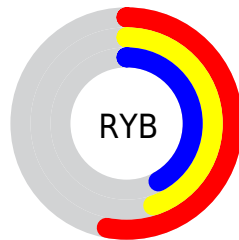
Distribution



Red (53%)

Green (45%)

Blue (42%)



Red (53%)

Yellow (45%)

Blue (42%)

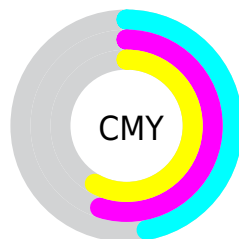


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7166, 3.2325, 7.0716 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 42.7166, 3.2325, 7.0716 by changing the saturation by 10% instead.

■ 42.7166, 3.2325,
7.0716

■ 42.7166, 3.2325,
7.0716

■ 155.6485, 0.0499,
16.0430

■ 33.3588, 3.3171,
6.1386

■ 63.6076, 2.8618,
8.9621

■ 24.8054, 3.3237,
5.2039

■ 75.0464, 2.5925,
9.9253

■ 17.1417, 3.2347,
4.2550

■ 87.0990, 2.2737,
10.9033

■ 10.4864, 3.0246,
3.4012

■ 99.7356, 1.9091,
11.8973

0.0000, INF, NaN

0.0000, NaN, NaN

■ 112.9302, 1.5019,
12.9078

0.0000, NaN, NaN

■ 126.6604, 1.0549,

0.0000, NaN, NaN

13.9355

0.0000, NaN, NaN

140.9058, 0.5702,
14.9805

■ 42.7166, 3.2325,
7.0716

■ 42.7166, 3.2325,
7.0716

■ 39.7826, 6.3344,
9.0169

■ 45.7891, 0.3146,
5.0050

■ 37.0030, 9.6337,
10.8089

■ 48.9815, -2.4296,
2.8382

■ 34.4005, 13.1275,
12.4097

■ 52.2815, -5.0183,
0.5893

■ 32.0003, 16.7961,
13.7718

■ 55.6779, -7.4683,
-1.7285

■ 29.8304, 20.5912,
14.8398

■ 59.1614, -9.7956,
-4.1052

■ 27.9206, 24.4251,
15.5568

■ 62.7240, -12.0150,
-6.5330

■ 26.2992, 28.1621,
15.8776

■ 66.3589, -14.1394,
-9.0061

■ 25.0629, 31.3280,
15.9921

■ 70.0604, -16.1807,
-11.5198

■ 73.8235, -18.1489,
-14.0705

Harmonies

Analogous

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



42.7176, 5.2788, 4.1000



42.7166, 3.2325, 7.0716



42.7176, -0.2589, 8.6915

Triad

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



42.7176, 3.2311, 7.0723



42.7176, -9.3259, 4.1882



42.7176, -0.3576, -5.2313

Complementary

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



42.7166, 3.2325, 7.0716



45.0699, -6.9667, -2.5041

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.



42.7176, -4.2674, -5.2023



42.7166, 3.2325, 7.0716



42.7176, -9.3502, 0.4709

Square

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



42.7176, 3.2311, 7.0723



42.7176, -7.4606, 7.1318



42.7176, -7.5282, -3.0380



42.7176, 3.1565, -3.1142

Rectangle

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



42.7166, 3.2325, 7.0716



42.7176, -2.8884, 8.8874



42.7176, -7.5282, -3.0380



42.7176, -1.6714, -5.4780

Sweetspot

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



42.7176, 3.2311, 7.0723



63.2240, -1.2978, 5.3772



41.5031, 9.7138, -3.4306



30.3142, -0.5281, 2.6633



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.7176, 3.2311, 7.0723



55.2478, 6.2931, 10.7411



46.5306, -3.3051, 10.8896



22.0547, -0.0684, 2.2189



24.1066, 29.9664, 15.3790



1.7407, 0.9369, 1.0890

Inverse Universe

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



45.0699, -6.9667, -2.5041



59.0990, -10.4348, -4.9471



41.1217, -0.5394, -7.7196



22.5542, -2.2281, 0.1871



32.0309, -9.4883, -19.5533



2.1703, -0.9417, -0.6797

Previews

White Background



This preview shows how the HunterLab color 42.7166, 3.2325, 7.0716 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 42.7166, 3.2325, 7.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

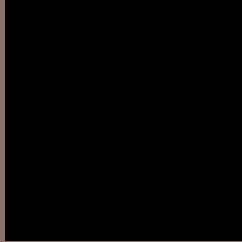
Any Text WCAG AA ✓ Pass

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 42.7166, 3.2325, 7.0716 Background



This preview shows how black text looks on a background with the HunterLab color 42.7166, 3.2325, 7.0716.

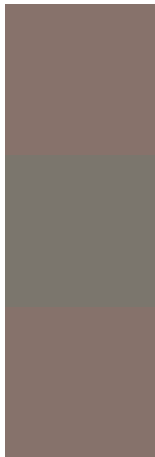


This preview shows how white text looks on a background with the HunterLab color 42.7166, 3.2325,

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

42.7166, 3.2325, 7.0716

Protanopia

42.7457, -2.1153, 6.2350

Deuteranopia

42.6198, 2.9080, 6.9625



Tritanopia

42.7635, 6.8175, 1.3901

Trichromacy



Original Color

42.7166, 3.2325, 7.0716

Protanomaly

42.7987, -0.5743, 6.7083

Deuteranomaly

42.6198, 2.9080, 6.9625

Tritanomaly

42.7849, 5.2749, 3.5591

Monochromacy



Original Color

42.7166, 3.2325, 7.0716

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.8023, -0.1997, 3.9035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7166, 3.2325, 7.0716 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(135, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 107)  
}
```

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(135, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7166, 3.2325, 7.0716 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(135, 114, 107) }
```


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

```
.border{ border-color:rgb(135, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 114, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 114, 107); box-shadow:4px 4px 4px 4px rgb(135, 114, 107) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7166, 3.2325, 7.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 107) }
```

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

```
.background{ background-color: rgb(135,  
114, 107) }
```

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](#).

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