

Converting Colors

HunterLab(45.8290, -0.0527,
3.2906)

Have a look what the booklet for
HunterLab(45.8290, -0.0527, 3.2906)
contains.

HunterLab(45.9722, -0.0462, 3.3044)	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(45.9722, -0.0462,
3.3044)

Conversions

Conversions Part 1

Format	Color
Hex	857D7D
RGB	133, 125, 125
RGB Percent	52%, 49%, 49%
CMY	0.4784, 0.5098, 0.5098
CMYK	0.00, 0.06, 0.06, 0.48
HSL	0°, 3%, 51%
HSV	0°, 6%, 52%
XYZ	20.7081, 21.1344, 22.3899
YIQ	127.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

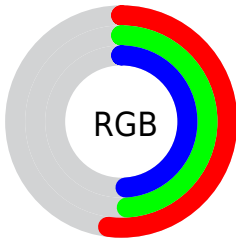
Format	Color
R _Y B	133, 125, 125
Decimal	8748413
CIE Lab	53.10, 3.03, 1.08
CIE LCh	53, 3.222, 19.658
Yxy	21.1354, 0.3224, 0.3290
Android (android.graphics.Color)	4286938493 (0xFF857D7D)
YUV	127.3920, -1.1793, 4.9182
Hunter-Lab	45.9722, -0.0462, 3.3044

Details

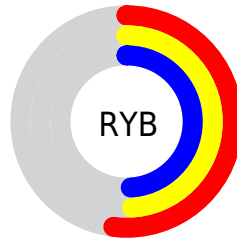
The HunterLab color $45.9722, -0.0462, 3.3044$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47.7787, -4.8640, 1.8190$, and the grayscale version is $46.2262, -2.4665, 2.5116$.

A 20% lighter version of the original color is $67.4494, -1.0486, 4.5194$, and $27.4403, 0.4826, 2.1433$ is the 20% darker color. If you saturate the color by 10%, you get $42.0400, 4.3130, 4.4842$, and if you desaturate by 10%, it is $50.0932, -4.2316, 2.1985$.

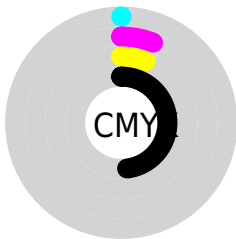
Distribution



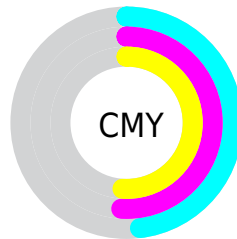
- Red (52%)
- Green (49%)
- Blue (49%)



- Red (52%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9722, -0.0462, 3.3044 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 45.9722, -0.0462, 3.3044 by changing the saturation by 10% instead.

■ 45.9722, -0.0462,
3.3044

■ 45.9722, -0.0462,
3.3044

160.6228, -4.9460,
9.9674

■ 36.3634, 0.2886,
2.7206

■ 67.3147, -0.8671,
4.5775

■ 27.5359, 0.5676,
2.1730

■ 78.9598, -1.3423,
5.2619

■ 19.5674, 0.7804,
1.6647

■ 91.2082, -1.8569,
5.9767

■ 12.5630, 0.9136,
1.1982

104.0318, -2.4084,
6.7206

■ 5.8557, 1.9450,
1.0860

117.4056, -2.9947,
7.4926

0.0000, NaN, NaN

0.0000, NaN, NaN

131.3080, -3.6141,

8.2916

0.0000, NaN, NaN

145.7195, -4.2649,
9.1168

0.0000, NaN, NaN

■ 45.9722, -0.0462,
3.3044

■ 45.9722, -0.0462,
3.3044

■ 42.0400, 4.3130,
4.4842

■ 50.0932, -4.2316,
2.1985

■ 38.3256, 8.8598,
5.7412

■ 54.3745, -8.2584,
1.1561

■ 34.8701, 13.5829,
7.0758

■ 58.7969, -12.1490,
0.1694

■ 31.7226, 18.4333,
8.4749

■ 63.3439, -15.9241,
-0.7696

■ 28.9419, 23.2946,
9.9037

■ 68.0023, -19.6023,
-1.6683

■ 26.5927, 27.9535,
11.2953

■ 72.7613, -23.2000,
-2.5327

■ 24.7379, 32.0903,
12.5470

■ 77.6118, -26.7311,
-3.3683

■ 23.4217, 35.3293,
13.5361

■ 82.5464, -30.2075,
-4.1795

■ 22.6144, 37.4621,
14.1917

■ 87.5585, -33.6393,
-4.9702

Harmonies

Analogous

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



45.9732, 0.0612, 2.0681



45.9722, -0.0462, 3.3044



45.9732, -0.8054, 4.3002

Triad

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



45.9732, -0.0474, 3.3051



45.9732, -4.3689, 4.0341



45.9732, -2.9090, 0.0701

Complementary

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



45.9722, -0.0462, 3.3044



47.7787, -4.8640, 1.8190

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.



45.9732, -4.0826, 0.6291



45.9722, -0.0462, 3.3044



45.9732, -4.9192, 2.9326

Square

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



45.9732, -0.0474, 3.3051



45.9732, -3.3039, 4.7127



45.9732, -4.8150, 1.6850



45.9732, -1.6008, 0.1766

Rectangle

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



45.9722, -0.0462, 3.3044



45.9732, -1.5723, 4.7034



45.9732, -4.8150, 1.6850



45.9732, -3.3321, 0.1870

Sweetspot

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



45.9732, -0.0474, 3.3051



63.6820, -2.3130, 3.8241



46.2034, 1.2032, 0.0156



30.2637, -1.1358, 1.8050



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



45.9732, -0.0474, 3.3051



60.9057, 0.5919, 4.5984



47.0829, -1.9270, 4.5458



22.0064, 0.2433, 1.6714



21.7959, 37.3162, 14.0838



1.2834, 2.1946, 0.8293

Inverse Universe

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



47.7787, -4.8640, 1.8190



63.7780, -7.0716, 2.2339



46.6414, -3.0083, 0.4792



23.0657, -2.5831, 0.7993



41.9299, -22.2211, -4.4398



2.4684, -1.3084, -0.2608

Previews

White Background



This preview shows how the HunterLab color 45.9722, -0.0462, 3.3044 looks on a white background.

Color Contrast Check

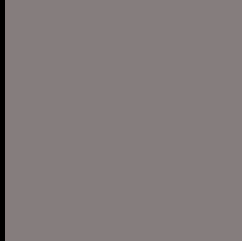
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.9722, -0.0462, 3.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

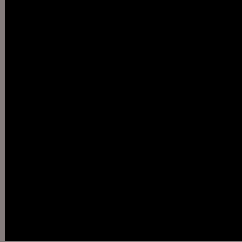
Any Text WCAG AA ✓ Pass

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 45.9722, -0.0462, 3.3044 Background



This preview shows how black text looks on a background with the HunterLab color 45.9722, -0.0462, 3.3044.



This preview shows how white text looks on a background with the HunterLab color 45.9722, -0.0462,

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

45.9722, -0.0462, 3.3044

Protanopia

45.9295, -1.5606, 2.7938

Deuteranopia

45.9734, 2.7604, 3.3549



Tritanopia

46.0186, 1.9819, -0.1987

Trichromacy



Original Color

45.9722, -0.0462, 3.3044

Protanomaly

46.0151, -1.2648, 2.8991

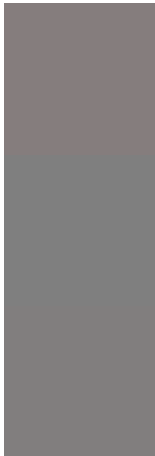
Deuteranomaly

46.0590, 1.6567, 3.4349

Tritanomaly

45.9297, 1.5030, 1.0656

Monochromacy



Original Color

45.9722, -0.0462, 3.3044

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9295, -1.5606, 2.7938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9722, -0.0462, 3.3044 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(133, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(133, 125, 125)  
}
```

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(133, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 125, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9722, -0.0462, 3.3044 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(133, 125, 125) }
```


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

```
.border{ border-color:rgb(133, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(133, 125,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9722, -0.0462, 3.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 125, 125) }
```

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

```
.background{ background-color: rgb(133,  
125, 125) }
```

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