

Converting Colors

HunterLab(47.3195, -4.9390,
5.1419)

Have a look what the booklet for
HunterLab(47.3195, -4.9390, 5.1419)
contains.

HunterLab(47.4023, -5.2247, 5.2667)	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(47.4023, -5.2247,
5.2667)

Conversions

Conversions Part 1

Format	Color
Hex	7F847C
RGB	127, 132, 124
RGB Percent	50%, 52%, 49%
CMY	0.5020, 0.4823, 0.5137
CMYK	0.04, 0.00, 0.06, 0.48
HSL	98°, 3%, 50%
HSV	98°, 6%, 52%
XYZ	20.6417, 22.4698, 22.3179
YIQ	129.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

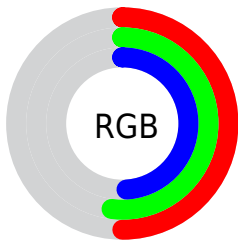
Format	Color
R_{YB}	124, 132, 129
Decimal	8356988
CIE _{Lab}	54.52, -3.43, 3.67
CIE _{LCh}	55, 5.024, 133.099
Yxy	22.4707, 0.3155, 0.3434
Android (android.graphics.Color)	4286547068 (0xFF7F847C)
YUV	129.5930, -2.7573, -2.2741
Hunter-Lab	47.4023, -5.2247, 5.2667

Details

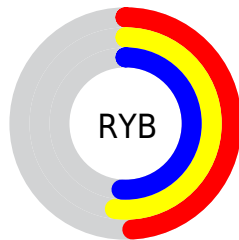
The HunterLab color $47.4023, -5.2247, 5.2667$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.5511, 0.3312, -0.3414$, and the grayscale version is $47.0983, -2.5130, 2.5589$.

A 20% lighter version of the original color is $68.9462, -6.7207, 7.0450$, and $28.8344, -3.9994, 4.0101$ is the 20% darker color. If you saturate the color by 10%, you get $46.4229, -9.4015, 9.3071$, and if you desaturate by 10%, it is $48.4636, -0.7837, 0.8027$.

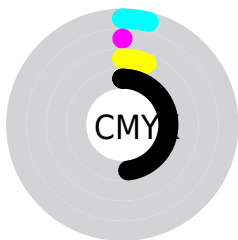
Distribution



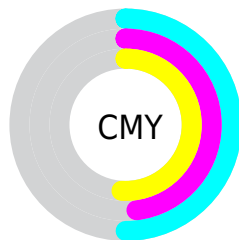
- Red (50%)
- Green (52%)
- Blue (49%)



- Red (49%)
- Yellow (52%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (50%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4023, -5.2247, 5.2667 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 47.4023, -5.2247, 5.2667 by changing the saturation by 10% instead.

■ 47.4023, -5.2247,
5.2667

■ 47.4023, -5.2247,
5.2667

162.7866,
-12.7849, 12.9846

■ 37.6871, -4.5039,
4.5282

■ 68.9368, -6.7418,
6.8173

■ 28.7439, -3.8052,
3.8117

■ 80.6698, -7.5359,
7.6285

■ 20.6474, -3.1278,
3.1152

■ 93.0019, -8.3537,
8.4635

■ 13.4975, -2.4670,
2.4329

105.9053, -9.1949,
9.3221

■ 7.0761, -2.4918,
2.5341

119.3558,
-10.0590, 10.2040

0.0000, NaN, NaN

133.3319,

0.0000, NaN, NaN

-10.9457, 11.1086

0.0000, NaN, NaN

147.8145,
-11.8544, 12.0356

0.0000, NaN, NaN

■ 47.4023, -5.2247,
5.2667

■ 47.4023, -5.2247,
5.2667

■ 46.4229, -9.4015,
9.3071

■ 48.4636, -0.7837,
0.8027

■ 45.5243, -13.2861,
12.8985

■ 49.6016, 3.8998,
-4.0606

■ 44.7089, -16.8565,
16.0221

■ 50.8147, 8.7996,
-9.2945

■ 43.9775, -20.0924,
18.6647

■ 52.1003, 13.8918,
-14.8703

■ 43.3301, -22.9772,
20.8203

■ 53.4554, 19.1536,
-20.7598

■ 42.7662, -25.4993,
22.4921

■ 54.8771, 24.5638,
-26.9353

■ 42.2840, -27.6539,
23.6948

■ 56.3625, 30.1031,
-33.3707

■ 41.8808, -29.4444,
24.4567

■ 57.9087, 35.7541,
-40.0412

■ 41.5505, -30.8950,
24.8493

■ 59.5127, 41.5012,
-46.9242

Harmonies

Analogous

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



47.4033, -3.4322, 6.1283



47.4023, -5.2247, 5.2667



47.4033, -6.2873, 3.6699

Triad

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



47.4033, -5.2258, 5.2674



47.4033, -3.6856, -1.1946



47.4033, 1.4149, 3.4319

Complementary

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



47.4023, -5.2247, 5.2667



45.5511, 0.3312, -0.3414

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.



47.4033, 1.3442, 1.4642



47.4023, -5.2247, 5.2667



47.4033, -1.6248, -1.2651

Square

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



47.4033, -5.2258, 5.2674



47.4033, -5.4086, -0.0854



47.4033, 0.2236, -0.2740



47.4033, 0.4151, 5.0996

Rectangle

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



47.4023, -5.2247, 5.2667



47.4033, -6.4484, 2.3748



47.4033, 0.2236, -0.2740



47.4033, 1.5161, 2.7849

Sweetspot

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



47.4033, -5.2258, 5.2674



63.4655, -4.6077, 4.6761



46.9517, -2.3427, 4.8102



30.6325, -2.1836, 2.2165



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.



47.4033, -5.2258, 5.2674



62.7651, -7.5598, 7.6055



47.1885, -5.9367, 4.6232



23.0753, -2.8112, 2.8275



40.7742, -30.8873, 24.5841



2.4804, -1.4878, 1.5024

Inverse Universe

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



45.5511, 0.3312, -0.3414



59.8664, 1.1374, -1.1736



45.7842, 1.0704, 0.3918



21.9873, 0.4532, -0.4677



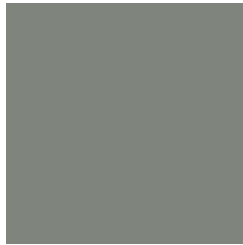
18.3730, 40.2435, -56.1825



1.2600, 2.6012, -2.6239

Previews

White Background



This preview shows how the HunterLab color 47.4023, -5.2247, 5.2667 looks on a white background.

Color Contrast Check

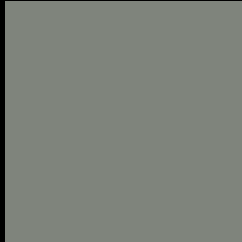
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4023, -5.2247, 5.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

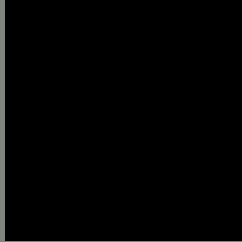
Any Text WCAG AA ✓ Pass

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 47.4023, -5.2247, 5.2667 Background



This preview shows how black text looks on a background with the HunterLab color 47.4023, -5.2247, 5.2667.



This preview shows how white text looks on a background with the HunterLab color 47.4023, -5.2247, 5.2667.

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

47.4023, -5.2247, 5.2667

Protanopia

47.3958, -2.3873, 5.7218

Deuteranopia

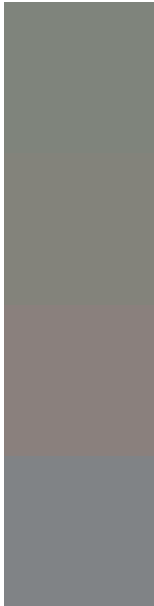
47.3520, 3.2310, 4.9411



Tritanopia

47.4614, -1.1833, -1.7697

Trichromacy



Original Color

47.4023, -5.2247, 5.2667

Protanomaly

47.4215, -3.7471, 5.7265

Deuteranomaly

47.2465, 0.0660, 4.7664

Tritanomaly

47.4795, -2.9307, 1.0407

Monochromacy



Original Color

47.4023, -5.2247, 5.2667

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.3901, -3.5860, 3.5886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4023, -5.2247, 5.2667 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(127, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 132, 124)  
}
```

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(127, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 132, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4023, -5.2247, 5.2667 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(127, 132, 124) }
```


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

```
.border{ border-color:rgb(127, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 132,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4023, -5.2247, 5.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 132, 124) }
```

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

```
.background{ background-color: rgb(127,  
132, 124) }
```

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