

Converting Colors

HunterLab(48.6235, -0.0744,
0.2131)

Have a look what the booklet for
HunterLab(48.6235, -0.0744, 0.2131)
contains.

HunterLab(48.6672, 0.0273, 0.2313)	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(48.6672, 0.0273,
0.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	89848B
RGB	137, 132, 139
RGB Percent	54%, 52%, 55%
CMY	0.4627, 0.4823, 0.4549
CMYK	0.01, 0.05, 0.00, 0.45
HSL	283°, 3%, 53%
HSV	283°, 5%, 55%
XYZ	23.2280, 23.6850, 27.7735
YIQ	134.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

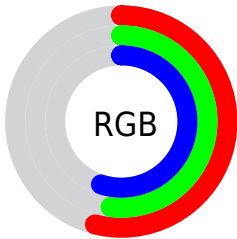
Format	Color
R_{YB}	137, 132, 139
Decimal	9012363
CIE Lab	55.77, 3.24, -3.10
CIE LCh	56, 4.484, 316.353
Yxy	23.6860, 0.3110, 0.3171
Android (android.graphics.Color)	4287202443 (0xFF89848B)
YUV	134.2930, 2.3206, 2.3740
Hunter-Lab	48.6672, 0.0273, 0.2313

Details

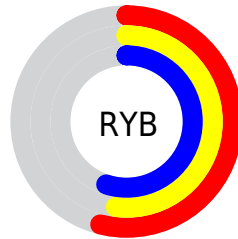
The HunterLab color $48.6672, 0.0273, 0.2313$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $50.1997, -5.2489, 5.0568$, and the grayscale version is $48.9338, -2.6110, 2.6587$.

A 20% lighter version of the original color is $70.3213, -0.9712, 1.2684$, and $29.8898, 0.4065, -0.3225$ is the 20% darker color. If you saturate the color by 10%, you get $44.5356, 5.5430, -4.9792$, and if you desaturate by 10%, it is $52.9646, -5.3861, 5.1986$.

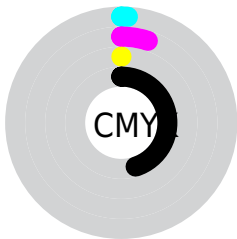
Distribution



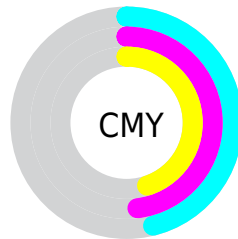
- Red (54%)
- Green (52%)
- Blue (55%)



- Red (54%)
- Yellow (52%)
- Blue (55%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6672, 0.0273, 0.2313 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 48.6672, 0.0273, 0.2313 by changing the saturation by 10% instead.

■ 48.6672, 0.0273,
0.2313

■ 48.6672, 0.0273,
0.2313

164.6903, -4.8773,
5.3857

■ 38.8598, 0.3644,
-0.1361

■ 70.3685, -0.7963,
1.1120

■ 29.8164, 0.6464,
-0.4496

■ 82.1780, -1.2723,
1.6160

■ 21.6093, 0.8639,
-0.7007

■ 94.5829, -1.7875,
2.1588

■ 14.3344, 1.0044,
-0.8786

107.5559, -2.3394,
2.7382

■ 7.9937, 1.3419,
-1.1699

121.0731, -2.9259,
3.3522

0.0000, NaN, NaN

135.1135, -3.5454,

0.0000, NaN, NaN

3.9990

0.0000, NaN, NaN

149.6582, -4.1963,
4.6773

0.0000, NaN, NaN

■ 48.6672, 0.0273,
0.2313

■ 48.6672, 0.0273,
0.2313

■ 44.5356, 5.5430,
-4.9792

■ 52.9646, -5.3861,
5.1986

■ 40.5921, 11.1638,
-10.4699

■ 57.4042, -10.7023,
9.9560

■ 36.8699, 16.8688,
-16.2654

■ 61.9707, -15.9343,
14.5373

■ 33.4091, 22.6029,
-22.3666

■ 66.6507, -21.0953,
18.9717

■ 30.2586, 28.2500,
-28.7225

■ 71.4332, -26.1977,
23.2841

■ 27.4761, 33.6009,
-35.1902

■ 76.3092, -31.2526,
27.4956

■ 25.1242, 38.3272,
-41.4910

■ 81.2711, -36.2701,
31.6240

■ 23.2591, 41.9999,
-47.1982

■ 86.3124, -41.2587,
35.6839

■ 21.8975, 44.2542,
-51.8694

■ 90.6864, -45.3271,
39.1172

Harmonies

Analogous

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



48.6682, -1.5843, -0.7437



48.6672, 0.0273, 0.2313



48.6682, 0.9392, 1.8363

Triad

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



48.6682, 0.0261, 0.2321



48.6682, -1.7493, 5.8529



48.6682, -5.9971, 1.6776

Complementary

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



48.6672, 0.0273, 0.2313



50.1997, -5.2489, 5.0568

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.



48.6682, -6.0398, 3.4482



48.6672, 0.0273, 0.2313



48.6682, -3.6063, 5.8140

Square

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



48.6682, 0.0261, 0.2321



48.6682, -0.0962, 5.0565



48.6682, -5.1705, 4.9482



48.6682, -5.0530, 0.1121

Rectangle

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



48.6672, 0.0273, 0.2313



48.6682, 1.0208, 3.0256



48.6682, -5.1705, 4.9482



48.6682, -6.1169, 2.2697

Sweetspot

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



48.6682, 0.0261, 0.2321



66.8262, -2.1454, 2.3305



48.8349, -2.4309, 0.3933



32.1148, -1.0765, 1.1617



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



48.6682, 0.0261, 0.2321



64.5108, 0.8374, -0.4370



48.8016, 0.3987, 1.0493



23.0393, 0.3710, -0.2230



20.2472, 42.9831, -51.3276



1.8623, 3.7894, -3.4487

Inverse Universe

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



48.6968, -0.1693, 2.5418



64.5584, 0.5199, 3.3449



50.0759, -5.6096, 4.3118



23.0572, 0.2524, 1.1925



22.5684, 39.2661, 9.7997



1.9001, 3.4221, -0.0752

Previews

White Background



This preview shows how the HunterLab color 48.6672, 0.0273, 0.2313 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 48.6672, 0.0273, 0.2313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

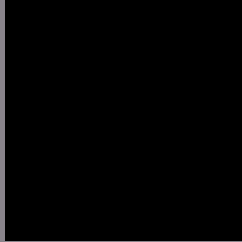
Any Text WCAG AA ✓ Pass

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 48.6672, 0.0273, 0.2313 Background



This preview shows how black text looks on a background with the HunterLab color 48.6672, 0.0273, 0.2313.



This preview shows how white text looks on a background with the HunterLab color 48.6672, 0.0273,

0.2313.

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

48.6672, 0.0273, 0.2313

Protanopia

48.6903, -1.3321, 0.2359

Deuteranopia

48.7428, 3.1188, 0.3782



Tritanopia

48.7585, 0.5218, -1.0648

Trichromacy



Original Color

48.6672, 0.0273, 0.2313

Protanomaly

48.7750, -1.0399, 0.3448

Deuteranomaly

48.7436, 1.7119, 0.3545

Tritanomaly

48.7278, 0.3557, -0.6294

Monochromacy



Original Color

48.6672, 0.0273, 0.2313

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.6863, -1.5238, 1.6080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6672, 0.0273, 0.2313 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(137, 132, 139)` looks like.

```
.text, #text, p{  
    color:rgb(137, 132, 139)  
}
```

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(137, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 132, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6672, 0.0273, 0.2313 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(137, 132, 139) }
```


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

```
.border{ border-color:rgb(137, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(137, 132,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6672, 0.0273, 0.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 132, 139) }
```

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

```
.background{ background-color: rgb(137,  
132, 139) }
```

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