

Converting Colors

HunterLab(39.6664, -2.8221,
2.0968)

Have a look what the booklet for
HunterLab(39.6664, -2.8221, 2.0968)
contains.

HunterLab(39.7087, -2.6893, 1.9662)	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(39.7087, -2.6893,
1.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6F6F
RGB	109, 111, 111
RGB Percent	43%, 44%, 44%
CMY	0.5725, 0.5647, 0.5647
CMYK	0.02, 0.00, 0.00, 0.56
HSL	180°, 1%, 43%
HSV	180°, 2%, 44%
XYZ	14.8604, 15.7678, 17.2992
YIQ	110.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

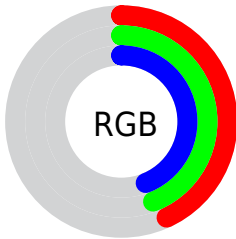
Format	Color
R_{YB}	109, 110, 111
Decimal	7171951
CIE Lab	46.67, -0.76, -0.27
CIE LCh	47, 0.810, 199.675
Yxy	15.7685, 0.3101, 0.3290
Android (android.graphics.Color)	4285362031 (0xFF6D6F6F)
YUV	110.4020, 0.2948, -1.2296
Hunter-Lab	39.7087, -2.6893, 1.9662

Details

The HunterLab color $39.7087, -2.6893, 1.9662$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.2700, -1.5176, 2.3264$, and the grayscale version is $39.6412, -2.1152, 2.1538$.

A 20% lighter version of the original color is $60.2597, -4.1324, 2.9667$, and $22.2217, -1.4450, 1.1204$ is the 20% darker color. If you saturate the color by 10%, you get $38.8692, -5.6584, 0.9161$, and if you desaturate by 10%, it is $40.6420, 0.5293, 3.1086$.

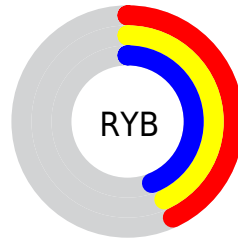
Distribution



Red (43%)

Green (44%)

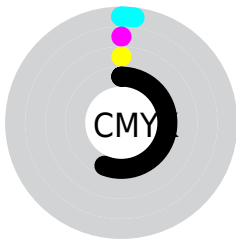
Blue (44%)



Red (43%)

Yellow (43%)

Blue (44%)

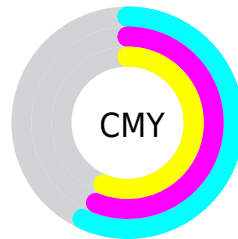


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.7087, -2.6893, 1.9662 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 39.7087, -2.6893, 1.9662 by changing the saturation by 10% instead.

■ 39.7087, -2.6893,
1.9662

■ 39.7087, -2.6893,
1.9662

■ 150.9873, -8.9544,
7.9153

■ 30.5949, -2.1557,
1.4868

■ 60.1630, -3.8676,
3.0514

■ 22.3093, -1.6607,
1.0535

■ 71.4030, -4.5066,
3.6501

■ 14.9459, -1.2082,
0.6727

■ 83.2672, -5.1768,
4.2835

■ 8.5926, -0.8459,
0.3361

■ 95.7241, -5.8770,
4.9498

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.7468, -6.6058,
5.6474

0.0000, NaN, NaN

■ 122.3118, -7.3623,

0.0000, NaN, NaN

136.3982, -8.1455,
7.1312

■ 39.7087, -2.6893,
1.9662

■ 39.7087, -2.6893,
1.9662

■ 38.8692, -5.6584,
0.9161

■ 40.6420, 0.5293,
3.1086

■ 38.1227, -8.3516,
-0.0354

■ 41.6642, 3.9749,
4.3329

■ 37.4710, -10.7489,
-0.8808

■ 42.7731, 7.6213,
5.6309

■ 36.9141, -12.8336,
-1.6144

■ 43.9655, 11.4436,
6.9942

■ 36.4507, -14.5945,
-2.2327

■ 45.2376, 15.4182,
8.4145

■ 36.0784, -16.0274,
-2.7344

■ 46.5859, 19.5235,
9.8843

■ 35.7933, -17.1364,
-3.1212

■ 48.0064, 23.7398,
11.3968

■ 35.5896, -17.9347,
-3.3981

■ 49.4955, 28.0496,
12.9458

■ 35.4596, -18.4470,
-3.5737

■ 51.0495, 32.4376,
14.5260

Harmonies

Analogous

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



39.7095, -2.7156, 2.2647



39.7087, -2.6893, 1.9662



39.7095, -2.5125, 1.7193

Triad

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



39.7095, -2.6902, 1.9668



39.7095, -1.6577, 1.7865



39.7095, -2.0122, 2.7247

Complementary

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



39.7087, -2.6893, 1.9662



39.2700, -1.5176, 2.3264

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.



39.7095, -1.7278, 2.5987



39.7087, -2.6893, 1.9662



39.7095, -1.5227, 2.0580

Square

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



39.7095, -2.6902, 1.9668



39.7095, -1.9166, 1.6146



39.7095, -1.5484, 2.3552



39.7095, -2.3248, 2.7007

Rectangle

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



39.7087, -2.6893, 1.9662



39.7095, -2.3313, 1.6169



39.7095, -1.5484, 2.3552



39.7095, -1.9101, 2.6985

Sweetspot

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



39.7095, -2.6902, 1.9668



53.2288, -3.2770, 2.7463



39.6573, -2.9826, 2.7536



26.0947, -1.5898, 1.3519



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



39.7095, -2.6902, 1.9668



53.1065, -3.7037, 2.5950



39.4443, -2.2514, 1.6592



19.8397, -1.3439, 0.9827



38.4013, -20.3816, -4.0003



85.7079, -45.4926, -8.9220

Inverse Universe

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



39.2700, -1.5176, 2.3264



52.4367, -1.9167, 3.1431



39.5334, -1.9580, 2.6274



19.6203, -0.7584, 1.1623



19.9565, 34.1773, 12.8858



44.5403, 76.2777, 28.7720

Previews

White Background



This preview shows how the HunterLab color 39.7087, -2.6893, 1.9662 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 39.7087, -2.6893, 1.9662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

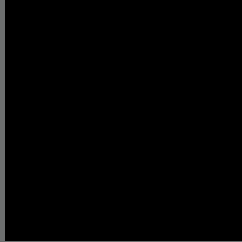
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 39.7087, -2.6893, 1.9662 Background



This preview shows how black text looks on a background with the HunterLab color 39.7087, -2.6893, 1.9662.



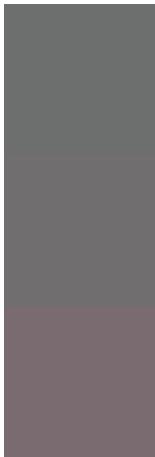
This preview shows how white text looks on a background with the HunterLab color 39.7087, -2.6893,

1.9662.

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

39.7087, -2.6893, 1.9662

Protanopia

39.6515, -1.5379, 2.3480

Deuteranopia

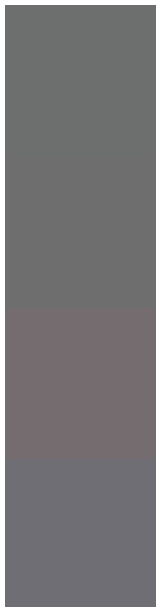
39.6865, 2.8161, 1.6027



Tritanopia

39.7477, -0.6865, -1.5533

Trichromacy



Original Color

39.7087, -2.6893, 1.9662

Protanomaly

39.5691, -1.8234, 2.2464

Deuteranomaly

39.5940, 1.1443, 1.4630

Tritanomaly

39.6583, -1.1734, -0.2855

Monochromacy



Original Color

39.7087, -2.6893, 1.9662

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.4875, -2.1070, 2.1454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.7087, -2.6893, 1.9662 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(109, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 111, 111)  
}
```

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(109, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 111, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 39.7087, -2.6893, 1.9662 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(109, 111, 111) }
```


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

```
.border{ border-color:rgb(109, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 111,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.7087, -2.6893, 1.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 111, 111) }
```

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

```
.background{ background-color: rgb(109,  
111, 111) }
```

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