

Converting Colors

HunterLab(71.5271, -3.8165,
3.8862)

Have a look what the booklet for
HunterLab(71.5271, -3.8165, 3.8862)
contains.

HunterLab(71.3359, -3.8063, 3.8758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(71.3359, -3.8063,
3.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBDBD
RGB	189, 189, 189
RGB Percent	74%, 74%, 74%
CMY	0.2588, 0.2588, 0.2588
CMYK	0.00, 0.00, 0.00, 0.26
HSL	122°, 0%, 74%
HSV	122°, 0%, 74%
XYZ	48.3691, 50.8881, 55.4172
YIQ	189.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
RYB	189, 189, 189
Decimal	12434877
CIELab	76.61, 0.00, -0.01
CIELCh	77, 0.008, 289.059
Yxy	50.8903, 0.3127, 0.3290
Android (android.graphics.Color)	4290624957 (0xFFBDBDBD)
YUV	189.0000, 0.0000, 0.0000
Hunter-Lab	71.3359, -3.8063, 3.8758

Details

The HunterLab color $71.3359, -3.8063, 3.8758$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.3368, -3.8048, 3.8748$, and the grayscale version is $71.3373, -3.8064, 3.8759$.

A 20% lighter version of the original color is $95.5562, -5.0986, 5.1917$, and $49.6187, -2.6475, 2.6959$ is the 20% darker color. If you saturate the color by 10%, you get $69.1994, -12.4352, 9.5139$, and if you desaturate by 10%, it is $73.6950, 5.4030, -2.1120$.

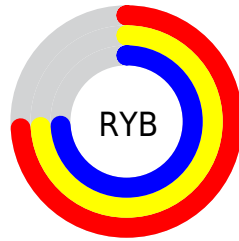
Distribution



Red (74%)

Green (74%)

Blue (74%)



Red (74%)

Yellow (74%)

Blue (74%)

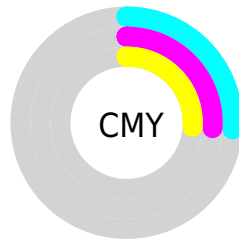


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3359, -3.8063, 3.8758 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 71.3359, -3.8063, 3.8758 by changing the saturation by 10% instead.

■ 71.3359, -3.8063,
3.8758

■ 71.3359, -3.8063,
3.8758

197.5190,
-10.5466, 10.7429

■ 60.1010, -3.2079,
3.2657

■ 95.6518, -5.1064,
5.1998

■ 49.5256, -2.6432,
2.6904

108.6714, -5.8017,
5.9082

■ 39.6556, -2.1162,
2.1535

122.2334, -6.5259,
6.6461

■ 30.5454, -1.6298,
1.6580

136.3168, -7.2781,
7.4125

■ 22.2648, -1.1877,
1.2078

150.9031, -8.0570,
8.2062

■ 14.9070, -0.7949,
0.8078

165.9755, -8.8620,

■ 8.5560, -0.4557,

9.0263

0.4623

181.5187, -9.6921,
9.8722

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3359, -3.8063,
3.8758

■ 71.3359, -3.8063,
3.8758

■ 69.1994, -12.4352,
9.5139

■ 73.6950, 5.4030,
-2.1120

■ 67.2902, -20.3814,
14.7353

■ 76.2617, 15.1041,
-8.3927

■ 65.6171, -27.5508,
19.4779

■ 79.0259, 25.2093,
-14.9099

■ 64.1844, -33.8554,
23.6825

■ 80.5463, 30.7675,
-19.4696

■ 62.9932, -39.2234,

27.2995

■ 62.0403, -43.6068,
30.2933

■ 61.3177, -46.9892,
32.6480

■ 60.8115, -49.3931,
34.3710

■ 60.5013, -50.8860,
35.4972

Harmonies

Analogous

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



71.3374, -3.8115, 3.8767



71.3359, -3.8063, 3.8758



71.3374, -3.8050, 3.8788

Triad

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



71.3374, -3.8080, 3.8769



71.3374, -3.8057, 3.8880



71.3374, -3.8169, 3.8843

Complementary

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



71.3359, -3.8063, 3.8758



71.3368, -3.8048, 3.8748

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.



71.3374, -3.8154, 3.8874



71.3359, -3.8063, 3.8758



71.3374, -3.8089, 3.8895

Square

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



71.3374, -3.8080, 3.8769



71.3374, -3.8037, 3.8852



71.3374, -3.8124, 3.8892



71.3374, -3.8167, 3.8810

Rectangle

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



71.3359, -3.8063, 3.8758



71.3374, -3.8038, 3.8808



71.3374, -3.8124, 3.8892



71.3374, -3.8166, 3.8854

Sweetspot

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



71.3374, -3.8080, 3.8769



95.4677, -5.0939, 5.1869



71.3377, -3.8070, 3.8773



44.2712, -2.3622, 2.4053



97.7295, -5.2146, 5.3098

Same Dimension

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



71.3374, -3.8080, 3.8769



95.4677, -5.0939, 5.1869



71.3375, -3.8077, 3.8762



33.5864, -1.7921, 1.8248



49.4974, -42.3567, 29.5685



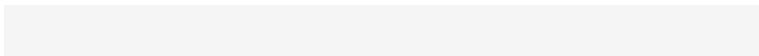
9.8059, -8.3232, 5.7109

Inverse Universe

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



71.3368, -3.8048, 3.8748



95.4677, -5.0939, 5.1869



71.3368, -3.8050, 3.8755



33.5864, -1.7921, 1.8248



30.9275, 60.3551, -37.3075



6.1359, 11.9967, -7.5764

Previews

White Background



This preview shows how the HunterLab color 71.3359, -3.8063, 3.8758 looks on a white background.

Color Contrast Check

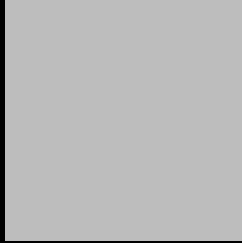
Large Text (above 18pt) WCAG AA × Fail

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 71.3359, -3.8063, 3.8758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

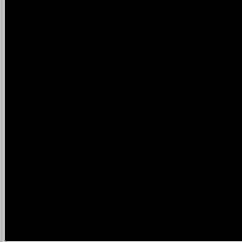
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

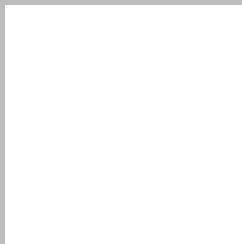
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.3359, -3.8063, 3.8758 Background



This preview shows how black text looks on a background with the HunterLab color 71.3359, -3.8063, 3.8758.



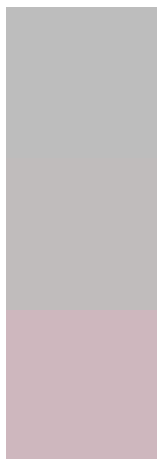
This preview shows how white text looks on a background with the HunterLab color 71.3359, -3.8063,

3.8758.

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

71.3359, -3.8063, 3.8758

Protanopia

71.2767, -2.5270, 4.3003

Deuteranopia

71.2085, 4.9360, 3.4032



Tritanopia

71.3311, 0.0832, -2.4894

Trichromacy



Original Color

71.3359, -3.8063, 3.8758

Protanomaly

71.1854, -2.8432, 4.1877

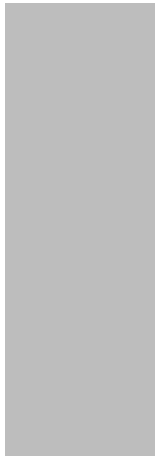
Deuteranomaly

71.2004, 1.9095, 3.3407

Tritanomaly

71.3756, -1.6241, 0.0738

Monochromacy



Original Color

71.3359, -3.8063, 3.8758

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

71.3359, -3.8063, 3.8758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.3359, -3.8063, 3.8758 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(189, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 189)  
}
```

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(189, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 71.3359, -3.8063, 3.8758 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(189, 189, 189) }
```

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

```
.border{ border-color:rgb(189, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
189) }
```


Background

The CSS property to change the background color of an element to HunterLab 71.3359, -3.8063, 3.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 189) }
```

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

```
.background{ background-color: rgb(189,  
189, 189) }
```

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