

Converting Colors

HunterLab(19.6198, -3.5879,
5.6526)

Have a look what the booklet for
HunterLab(19.6198, -3.5879, 5.6526)
contains.

HunterLab(19.6739, -3.7203, 5.7358)	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(19.6739, -3.7203,
5.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	363929
RGB	54, 57, 41
RGB Percent	21%, 22%, 16%
CMY	0.7882, 0.7765, 0.8392
CMYK	0.05, 0.00, 0.28, 0.78
HSL	71°, 16%, 19%
HSV	71°, 28%, 22%
XYZ	3.3847, 3.8706, 2.6665
YIQ	54.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

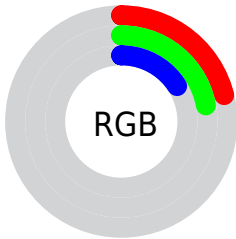
Format	Color
R_{YB}	41, 57, 44
Decimal	3553577
CIE Lab	23.24, -4.64, 9.57
CIE LCh	23, 10.637, 115.835
Yxy	3.8708, 0.3411, 0.3901
Android (android.graphics.Color)	4281743657 (0xFF363929)
YUV	54.2790, -6.5465, -0.2447
Hunter-Lab	19.6739, -3.7203, 5.7358

Details

The HunterLab color **19.6739, -3.7203, 5.7358** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5462, 2.3061, -5.1437**, and the grayscale version is **19.3223, -1.0310, 1.0498**.

A 20% lighter version of the original color is **36.5229, -5.2823, 8.1205**, and **5.9396, -3.4180, 3.6001** is the 20% darker color. If you saturate the color by 10%, you get **19.5053, -4.5239, 7.0351**, and if you desaturate by 10%, it is **19.8581, -2.8448, 4.2514**.

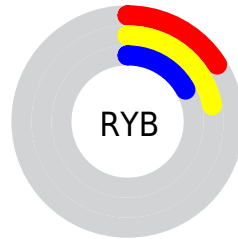
Distribution



Red (21%)

Green (22%)

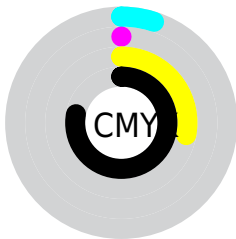
Blue (16%)



Red (16%)

Yellow (22%)

Blue (17%)

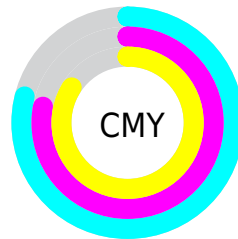


Cyan (5%)

Magenta (0%)

Yellow (28%)

Black (78%)



Cyan (79%)

Magenta (78%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6739, -3.7203, 5.7358 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 19.6739, -3.7203, 5.7358 by changing the saturation by 10% instead.

■ 19.6739, -3.7203,
5.7358

■ 19.6739, -3.7203,
5.7358

■ 117.5998,
-11.2207, 15.7727

■ 12.6552, -2.9590,
4.5178

■ 36.4948, -5.2606,
8.0102

■ 5.9887, -3.6928,
4.1921

■ 46.1153, -6.0525,
9.1138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.4581, -6.8629,
10.2113

0.0000, NaN, NaN

■ 67.4760, -7.6932,
11.3091

0.0000, NaN, NaN

■ 79.1299, -8.5439,
12.4116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3868, -9.4154,

13.5217

0.0000, NaN, NaN

104.2183,
-10.3077, 14.6416

19.6739, -3.7203,
5.7358

19.6739, -3.7203,
5.7358

19.5053, -4.5239,
7.0351

19.8581, -2.8448,
4.2514

19.3508, -5.2539,
8.1500

20.0568, -1.8965,
2.5813

19.2104, -5.9113,
9.0836

20.2705, -0.8773,
0.7273

19.0836, -6.4972,
9.8408

20.4993, 0.2112,
-1.3082

18.9700, -7.0137,
10.4285

20.7431, 1.3670,
-3.5213

■ 18.8670, -7.4738,
10.8813

■ 21.0020, 2.5876,
-5.9076

■ 18.7662, -7.9267,
11.3252

■ 21.2758, 3.8707,
-8.4619

■ 18.7469, -8.0139,
11.4115

■ 21.5643, 5.2133,
-11.1784

■ 21.8674, 6.6126,
-14.0506

Harmonies

Analogous

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



19.6743, -0.5914, 6.1581



19.6739, -3.7203, 5.7358



19.6743, -5.9954, 4.1470

Triad

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



19.6743, -3.7208, 5.7360



19.6743, -4.4641, -4.5591



19.6743, 5.6326, 0.6309

Complementary

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



19.6739, -3.7203, 5.7358



15.5462, 2.3061, -5.1437

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.



19.6743, 4.4361, -2.5992



19.6739, -3.7203, 5.7358



19.6743, -1.5061, -5.8902

Square

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



19.6743, -3.7208, 5.7360



19.6743, -6.4044, -1.7229



19.6743, 1.7696, -5.1203



19.6743, 4.9445, 3.5069

Rectangle

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



19.6739, -3.7203, 5.7358



19.6743, -6.7924, 2.4813



19.6743, 1.7696, -5.1203



19.6743, 5.4355, -0.4522

Sweetspot

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



19.6743, -3.7208, 5.7360



25.9208, -2.4909, 3.4071



16.8121, 2.2814, 3.0011



13.8689, -1.3838, 1.9138



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.6743, -3.7208, 5.7360



25.2681, -5.6018, 8.7039



19.1545, -5.6266, 5.2107



10.6974, -1.0241, 1.3992



30.1640, -13.2645, 18.3547



77.6556, -35.2014, 47.2348

Inverse Universe

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



15.5462, 2.3061, -5.1437



18.5618, 4.2565, -9.1534



16.1545, 4.2633, -4.1788



10.0323, -0.0617, -0.3304



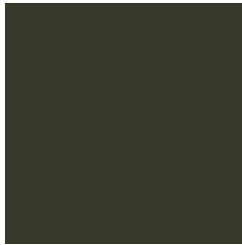
9.4362, 24.3113, -57.0912



23.6739, 62.2123, -152.6847

Previews

White Background



This preview shows how the HunterLab color 19.6739, -3.7203, 5.7358 looks on a white background.

Color Contrast Check

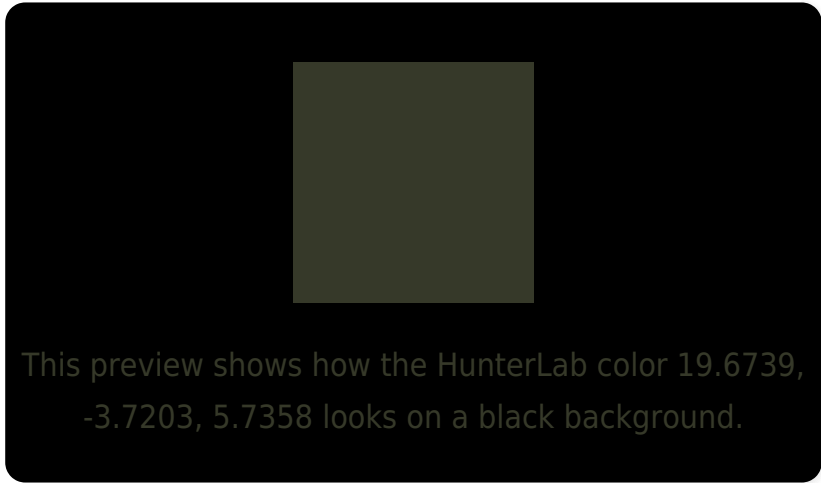
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

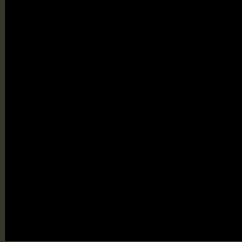
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

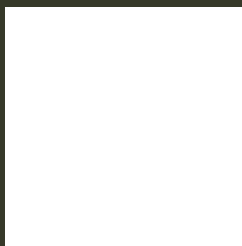
Any Text WCAG AAA × Fail

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

HunterLab 19.6739, -3.7203, 5.7358 Background



This preview shows how black text looks on a background with the HunterLab color 19.6739, -3.7203, 5.7358.

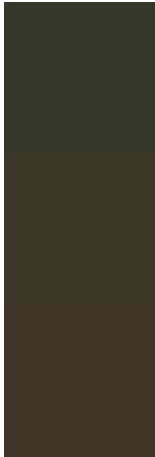


This preview shows how white text looks on a background with the HunterLab color 19.6739, -3.7203, 5.7358.

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

19.6739, -3.7203, 5.7358

Protanopia

19.6118, -1.4394, 5.9905

Deuteranopia

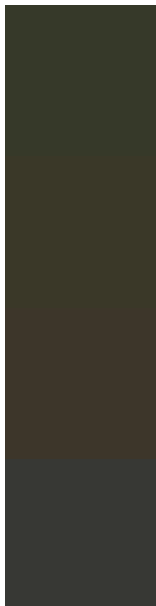
19.5887, 0.9936, 5.4579



Tritanopia

19.7203, -0.2367, -0.2927

Trichromacy



Original Color

19.6739, -3.7203, 5.7358

Protanomaly

19.7005, -2.3820, 6.0560

Deuteranomaly

19.4874, -0.5641, 5.3337

Tritanomaly

19.7193, -1.8349, 2.3506

Monochromacy



Original Color

19.6739, -3.7203, 5.7358

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.3349, -2.0607, 2.9677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6739, -3.7203, 5.7358 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(54, 57, 41)` looks like.

```
.text, #text, p{  
    color:rgb(54, 57, 41)  
}
```

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(54, 57, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 57, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6739, -3.7203, 5.7358 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(54, 57, 41) }
```


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

```
.border{ border-color:rgb(54, 57, 41) }
```

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

Here you see how a box with a 4 pixel rgb(54, 57, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 57, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 57, 41);  
box-shadow:4px 4px 4px 4px rgb(54, 57, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6739, -3.7203, 5.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 57, 41) }
```

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

```
.background{ background-color: rgb(54, 57,  
41) }
```

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