

Converting Colors

HunterLab(63.2568, -4.9576,
3.3205)

Have a look what the booklet for
HunterLab(63.2568, -4.9576, 3.3205)
contains.

HunterLab(63.3523, -5.0819, 3.3568)	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(63.3523, -5.0819,
3.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ABAA
RGB	166, 171, 170
RGB Percent	65%, 67%, 67%
CMY	0.3490, 0.3294, 0.3333
CMYK	0.03, 0.00, 0.01, 0.33
HSL	168°, 3%, 66%
HSV	168°, 3%, 67%
XYZ	37.5445, 40.1351, 43.7983
YIQ	169.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

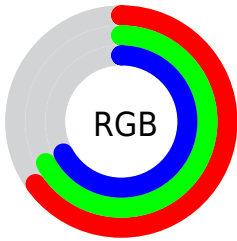
Format	Color
R _Y B	166, 169, 171
Decimal	10922922
CIE Lab	69.57, -1.95, -0.11
CIE LCh	70, 1.957, 183.192
Yxy	40.1369, 0.3091, 0.3304
Android (android.graphics.Color)	4289113002 (0xFFA6ABAA)
YUV	169.3910, 0.3002, -2.9739
Hunter-Lab	63.3523, -5.0819, 3.3568

Details

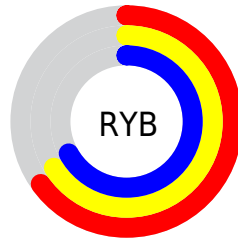
The HunterLab color $63.3523, -5.0819, 3.3568$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62.2266, -1.5916, 3.4800$, and the grayscale version is $63.1508, -3.3696, 3.4311$.

A 20% lighter version of the original color is $86.7186, -6.4238, 4.6199$, and $42.5195, -3.8551, 2.2331$ is the 20% darker color. If you saturate the color by 10%, you get $61.8724, -10.5463, 3.1055$, and if you desaturate by 10%, it is $64.9930, 0.7913, 3.7972$.

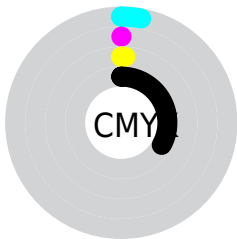
Distribution



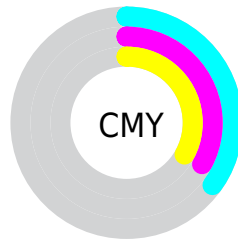
- Red (65%)
- Green (67%)
- Blue (67%)



- Red (65%)
- Yellow (66%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3523, -5.0819, 3.3568 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 63.3523, -5.0819, 3.3568 by changing the saturation by 10% instead.

■ 63.3523, -5.0819,
3.3568

■ 63.3523, -5.0819,
3.3568

186.1988,
-12.3861, 10.0054

■ 52.5788, -4.4043,
2.7768

■ 86.8170, -6.5266,
4.6249

■ 42.4952, -3.7550,
2.2337

■ 99.4405, -7.2891,
5.3074

■ 33.1541, -3.1364,
1.7315

112.6226, -8.0776,
6.0205

■ 24.6199, -2.5494,
1.2739

126.3408, -8.8914,
6.7629

■ 16.9778, -1.9944,
0.8656

140.5746, -9.7298,
7.5336

■ 10.3474, -1.4701,
0.5136

155.3062,

0.0000, NaN, NaN

-10.5921, 8.3315

0.0000, NaN, NaN

170.5192,
-11.4778, 9.1557

0.0000, NaN, NaN

■ 63.3523, -5.0819,
3.3568

■ 63.3523, -5.0819,
3.3568

■ 61.8724, -10.5463,
3.1055

■ 64.9930, 0.7913,
3.7972

■ 60.5528, -15.5509,
3.0457

■ 66.7857, 7.0295,
4.4155

■ 59.3970, -20.0548,
3.1809

■ 68.7259, 13.5838,
5.2030

■ 58.4054, -24.0227,
3.5096

■ 70.8074, 20.4091,
6.1487

■ 57.5760, -27.4293,
4.0260

■ 73.0234, 27.4636,
7.2408

■ 56.9044, -30.2630,
4.7198

■ 73.5732, 29.3364,
6.3273

■ 56.3832, -32.5283,
5.5758

■ 73.6766, 29.8559,
4.8498

■ 56.0016, -34.2489,
6.5739

■ 73.7822, 30.3860,
3.3421

■ 55.7446, -35.4718,
7.6888

■ 73.8902, 30.9268,
1.8043

Harmonies

Analogous

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



63.3537, -4.9039, 4.1783



63.3523, -5.0819, 3.3568



63.3537, -4.8095, 2.5509

Triad

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



63.3537, -5.0833, 3.3578



63.3537, -2.4443, 2.0711



63.3537, -2.6102, 4.8843

Complementary

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



63.3523, -5.0819, 3.3568



62.2266, -1.5916, 3.4800

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.



63.3537, -1.9454, 4.3332



63.3523, -5.0819, 3.3568



63.3537, -1.8492, 2.7099

Square

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



63.3537, -5.0833, 3.3578



63.3537, -3.2885, 1.8016



63.3537, -1.6661, 3.5391



63.3537, -3.4790, 5.0524

Rectangle

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



63.3523, -5.0819, 3.3568



63.3537, -4.4058, 2.1313



63.3537, -1.6661, 3.5391



63.3537, -2.3553, 4.7380

Sweetspot

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



63.3537, -5.0833, 3.3578



85.1840, -5.3433, 4.5867



63.3288, -5.4058, 5.1521



40.2323, -2.5030, 2.1673



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



63.3537, -5.0833, 3.3578



84.5438, -7.6690, 4.4420



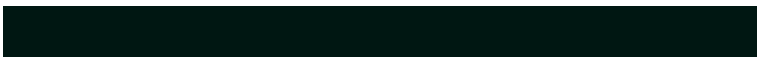
62.9621, -4.2253, 2.4400



30.4094, -2.9211, 1.5910



48.2905, -31.3321, 7.2781



8.0971, -4.9670, 0.6016

Inverse Universe

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



62.2266, -1.5916, 3.4800



82.4476, -1.1744, 4.6694



62.6121, -2.4516, 4.3755



29.5462, -0.2464, 1.6847



25.7320, 44.4344, 13.7787



4.3778, 7.7274, 1.0435

Previews

White Background



This preview shows how the HunterLab color 63.3523, -5.0819, 3.3568 looks on a white background.

Color Contrast Check

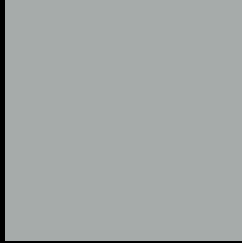
Large Text (above 18pt) WCAG AA × Fail

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 63.3523, -5.0819, 3.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

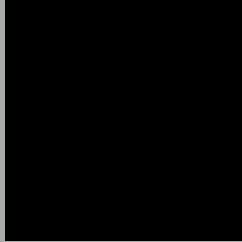
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

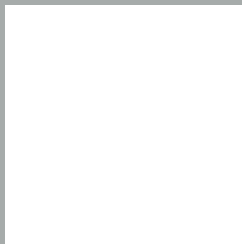
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.3523, -5.0819, 3.3568 Background



This preview shows how black text looks on a background with the HunterLab color 63.3523, -5.0819, 3.3568.



This preview shows how white text looks on a background with the HunterLab color 63.3523, -5.0819,

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

63.3523, -5.0819, 3.3568

Protanopia

63.3441, -2.1276, 3.8613

Deuteranopia

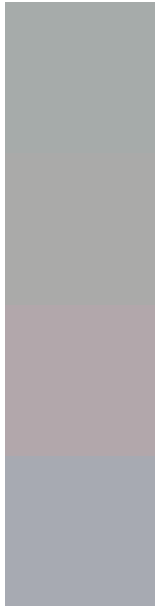
63.0916, 4.5515, 2.7499



Tritanopia

63.3073, -1.4448, -2.4632

Trichromacy



Original Color

63.3523, -5.0819, 3.3568

Protanomaly

63.3720, -3.5459, 3.8691

Deuteranomaly

63.2793, 0.7672, 2.9067

Tritanomaly

63.3871, -2.9414, -0.3896

Monochromacy



Original Color

63.3523, -5.0819, 3.3568

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.1972, -4.1552, 3.6536

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3523, -5.0819, 3.3568 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(166, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 170)  
}
```

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(166, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3523, -5.0819, 3.3568 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(166, 171, 170) }
```


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

```
.border{ border-color:rgb(166, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(166, 171,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3523, -5.0819, 3.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 170) }
```

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

```
.background{ background-color: rgb(166,  
171, 170) }
```

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