

Converting Colors

HunterLab(51.4939, 3.2334,
1.8791)

Have a look what the booklet for
HunterLab(51.4939, 3.2334, 1.8791)
contains.

HunterLab(51.6205, 3.1680, 2.0163)	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(51.6205, 3.1680,
2.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	99898F
RGB	153, 137, 143
RGB Percent	60%, 54%, 56%
CMY	0.4000, 0.4627, 0.4392
CMYK	0.00, 0.10, 0.07, 0.40
HSL	338°, 7%, 57%
HSV	338°, 10%, 60%
XYZ	27.0404, 26.6468, 29.7047
YIQ	142.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

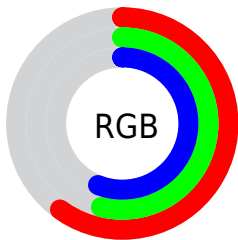
Format	Color
R_{YB}	153, 137, 143
Decimal	10062223
CIE Lab	58.65, 7.10, -1.01
CIE LCh	59, 7.168, 351.880
Yxy	26.6479, 0.3243, 0.3195
Android (android.graphics.Color)	4288252303 (0xFF99898F)
YUV	142.4680, 0.2623, 9.2366
Hunter-Lab	51.6205, 3.1680, 2.0163

Details

The HunterLab color $51.6205, 3.1680, 2.0163$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54.9619, -8.5757, 3.9380$, and the grayscale version is $52.1944, -2.7850, 2.8358$.

A 20% lighter version of the original color is $73.5687, 2.8178, 2.8110$, and $32.2978, 3.5179, 0.9527$ is the 20% darker color. If you saturate the color by 10%, you get $47.2486, 9.2086, 1.2312$, and if you desaturate by 10%, it is $56.2256, -2.7453, 3.0166$.

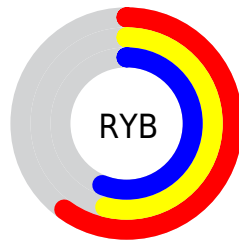
Distribution



Red (60%)

Green (54%)

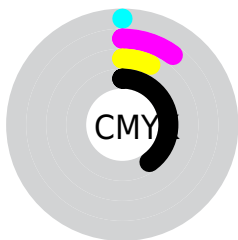
Blue (56%)



Red (60%)

Yellow (54%)

Blue (56%)

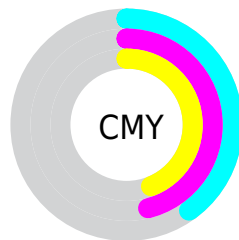


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6205, 3.1680, 2.0163 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 51.6205, 3.1680, 2.0163 by changing the saturation by 10% instead.

■ 51.6205, 3.1680,
2.0163

■ 51.6205, 3.1680,
2.0163

169.1001, -0.3390,
8.0323

■ 41.6041, 3.3093,
1.5260

■ 73.7010, 2.7030,
3.1206

■ 32.3342, 3.3822,
1.0798

■ 85.6847, 2.3934,
3.7276

■ 23.8782, 3.3736,
0.6834

■ 98.2556, 2.0374,
4.3686

■ 16.3234, 3.2668,
0.3436

111.3873, 1.6384,
5.0420

■ 9.7940, 3.0342,
0.0703

125.0570, 1.1991,
5.7462

0.0000, INF, NaN

0.0000, NaN, NaN

139.2442, 0.7218,

6.4801

0.0000, NaN, NaN

153.9307, 0.2085,
7.2425

0.0000, NaN, NaN

■ 51.6205, 3.1680,
2.0163

■ 51.6205, 3.1680,
2.0163

■ 47.2486, 9.2086,
1.2312

■ 56.2256, -2.7453,
3.0166

■ 43.1460, 15.3568,
0.7096

■ 61.0285, -8.5254,
4.1890

■ 39.3626, 21.5465,
0.5147

■ 66.0049, -14.1832,
5.5030

■ 35.9567, 27.6473,
0.7168

■ 71.1341, -19.7328,
6.9342

■ 32.9948, 33.4334,
1.3849

■ 76.3994, -25.1899,
8.4637

■ 30.5457, 38.5684,
2.5657

■ 81.7868, -30.5694,
10.0767

■ 28.6680, 42.6371,
4.2513

■ 87.2853, -35.8850,
11.7617

■ 27.3898, 45.2616,
6.3490

■ 91.3422, -39.1755,
11.8667

■ 26.5921, 46.6641,
8.4674

■ 91.6264, -37.5148,
7.7980

Harmonies

Analogous

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



51.6216, 1.9292, -0.7471



51.6205, 3.1680, 2.0163



51.6216, 2.7879, 4.8423

Triad

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



51.6216, 3.1666, 2.0172



51.6216, -4.9206, 7.7148



51.6216, -6.3212, -1.7657

Complementary

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



51.6205, 3.1680, 2.0163



54.9619, -8.5757, 3.9380

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.



51.6216, -8.0777, 0.6914



51.6205, 3.1680, 2.0163



51.6216, -7.2821, 6.1305

Square

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



51.6216, 3.1666, 2.0172



51.6216, -1.9278, 8.0242



51.6216, -8.4253, 3.5903



51.6216, -3.5814, -3.0123

Rectangle

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



51.6205, 3.1680, 2.0163



51.6216, 1.6739, 6.3907



51.6216, -8.4253, 3.5903



51.6216, -7.0436, -1.0474

Sweetspot

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



51.6216, 3.1666, 2.0172



73.6115, -1.6313, 3.6644



51.3646, 2.9164, -3.0858



34.3659, -0.4824, 1.6718



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.6216, 3.1666, 2.0172



67.4092, 6.4857, 2.3734



51.9675, 1.3387, 5.0423



25.0181, 1.1661, 1.0211



24.1875, 42.4686, 7.5156



3.0684, 5.5962, -0.6634

Inverse Universe

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



51.6216, 3.1666, 2.0172



67.4092, 6.4857, 2.3734



54.5849, -6.7224, 0.7822



25.0181, 1.1661, 1.0211



24.1875, 42.4686, 7.5156



3.0684, 5.5962, -0.6634

Previews

White Background



This preview shows how the HunterLab color 51.6205, 3.1680, 2.0163 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 51.6205, 3.1680, 2.0163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

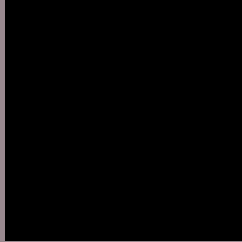
Any Text WCAG AA ✓ Pass

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 51.6205, 3.1680, 2.0163 Background



This preview shows how black text looks on a background with the HunterLab color 51.6205, 3.1680, 2.0163.



This preview shows how white text looks on a background with the HunterLab color 51.6205, 3.1680,

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

51.6205, 3.1680, 2.0163

Protanopia

51.5279, -1.3386, 0.9045

Deuteranopia

51.7151, 3.4858, 2.1347



Tritanopia

51.5606, 4.6161, 0.1104

Trichromacy



Original Color

51.6205, 3.1680, 2.0163

Protanomaly

51.5653, 0.1808, 1.4393

Deuteranomaly

51.7151, 3.4858, 2.1347

Tritanomaly

51.5302, 4.4543, 0.5415

Monochromacy



Original Color

51.6205, 3.1680, 2.0163

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.7882, -0.6192, 2.6026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6205, 3.1680, 2.0163 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(153, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 143)  
}
```

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(153, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6205, 3.1680, 2.0163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

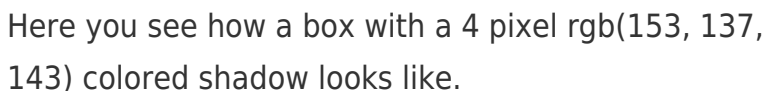
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 137, 143) }
```


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

```
.border{ border-color:rgb(153, 137, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6205, 3.1680, 2.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 143) }
```

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

```
.background{ background-color: rgb(153,  
137, 143) }
```

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