

Converting Colors

HunterLab(18.9695, 18.4086,
1.6087)

Have a look what the booklet for
HunterLab(18.9695, 18.4086,
1.6087) contains.

HunterLab(19.0401, 18.5142, 1.5682)	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(19.0401, 18.5142,
1.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2235
RGB	91, 34, 53
RGB Percent	36%, 13%, 21%
CMY	0.6431, 0.8667, 0.7922
CMYK	0.00, 0.63, 0.42, 0.64
HSL	340°, 46%, 25%
HSV	340°, 63%, 36%
XYZ	5.5290, 3.6253, 3.7765
YIQ	53.2090, 27.8730, 17.9930

Conversions

Conversions Part 2

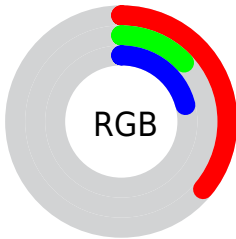
Format	Color
R_YB	91, 34, 53
Decimal	5972533
CIE Lab	22.39, 28.25, 0.97
CIE LCh	22, 28.268, 1.965
Yxy	3.6254, 0.4276, 0.2804
Android (android.graphics.Color)	4284162613 (0xFF5B2235)
YUV	53.2090, -0.1030, 33.1427
Hunter-Lab	19.0401, 18.5142, 1.5682

Details

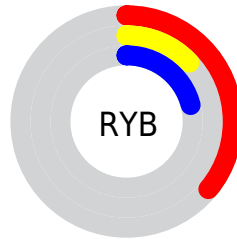
The HunterLab color **19.0401, 18.5142, 1.5682** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28.7928, -15.8520, 4.8387**, and the grayscale version is **18.9332, -1.0102, 1.0287**.

A 20% lighter version of the original color is **35.6581, 21.1772, 2.7155**, and **7.4364, 12.9709, 2.9778** is the 20% darker color. If you saturate the color by 10%, you get **17.6635, 21.3521, 2.2545**, and if you desaturate by 10%, it is **20.6782, 15.3753, 1.1209**.

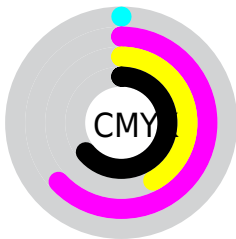
Distribution



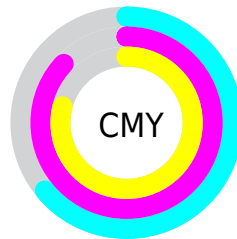
- Red (36%)
- Green (13%)
- Blue (21%)



- Red (36%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (42%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0401, 18.5142, 1.5682 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 19.0401, 18.5142, 1.5682 by changing the saturation by 10% instead.

■ 19.0401, 18.5142,
1.5682

■ 19.0401, 18.5142,
1.5682

■ 116.4453, 25.6069,
7.3218

■ 12.1092, 17.1182,
1.1145

■ 35.7147, 20.8723,
2.6037

■ 5.1464, 23.7836,
1.0610

■ 45.2715, 21.8479,
3.1792

0.0000, NaN, NaN

■ 55.5551, 22.7058,
3.7903

0.0000, NaN, NaN

■ 66.5174, 23.4587,
4.4350

0.0000, NaN, NaN

■ 78.1187, 24.1171,
5.1119

0.0000, NaN, NaN

■ 90.3257, 24.6898,

0.0000, NaN, NaN

5.8195

0.0000, NaN, NaN

103.1095, 25.1843,
6.5565

19.0401, 18.5142,
1.5682

19.0401, 18.5142,
1.5682

17.6635, 21.3521,
2.2545

20.6782, 15.3753,
1.1209

16.5774, 23.6941,
3.1704

22.5423, 12.0963,
0.8949

15.7792, 25.4137,
4.2517

24.6001, 8.7813,
0.8629

15.2302, 26.7087,
4.9841

26.8230, 5.4919,
0.9946

29.1869, 2.2593,
1.2621

■ 31.6720, -0.9044,
1.6414

■ 34.2621, -3.9980,
2.1130

■ 36.9442, -7.0260,
2.6612

■ 39.7076, -9.9952,
3.2736

Harmonies

Analogous

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



19.0406, 15.9089, -7.9501



19.0401, 18.5142, 1.5682



19.0406, 15.1608, 7.6306

Triad

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



19.0406, 18.5129, 1.5687



19.0406, -9.0123, 10.1407



19.0406, -8.1897, -18.7613

Complementary

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



19.0401, 18.5142, 1.5682



28.7928, -15.8520, 4.8387

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.



19.0406, -13.1243, -9.3274



19.0401, 18.5142, 1.5682



19.0406, -13.5366, 7.0517

Square

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



19.0406, 18.5129, 1.5687



19.0406, -1.5814, 11.0738



19.0406, -14.8979, 0.4884



19.0406, -0.4459, -22.3748

Rectangle

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



19.0401, 18.5142, 1.5682



19.0406, 10.2940, 9.7357



19.0406, -14.8979, 0.4884



19.0406, -10.1809, -16.0069

Sweetspot

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



19.0406, 18.5129, 1.5687



35.9966, 5.8841, 1.3898



18.1034, 18.9307, -20.9285



17.4228, 3.2765, 0.6559



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.0406, 18.5129, 1.5687



22.3821, 29.4506, 3.4734



20.2588, 12.8791, 8.2790



15.3596, 0.5359, 0.7109



18.5022, 32.3922, 6.4783



43.1225, 75.1590, 17.7061

Inverse Universe

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



19.0406, 18.5129, 1.5687



22.3821, 29.4506, 3.4734



26.5613, -9.3330, -5.8897



15.3596, 0.5359, 0.7109



18.5022, 32.3922, 6.4783



43.1225, 75.1590, 17.7061

Previews

White Background



This preview shows how the HunterLab color 19.0401, 18.5142, 1.5682 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

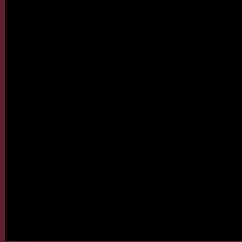
Any Text WCAG AA × Fail

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 19.0401, 18.5142, 1.5682 Background



This preview shows how black text looks on a background with the HunterLab color 19.0401, 18.5142, 1.5682.



This preview shows how white text looks on a background with the HunterLab color 19.0401, 18.5142,

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

19.0401, 18.5142, 1.5682

Protanopia

19.3651, 0.1194, -3.3769

Deuteranopia

19.4129, 0.7227, 2.7585



Tritanopia

19.0874, 15.6397, 6.0731

Trichromacy



Original Color

19.0401, 18.5142, 1.5682

Protanomaly

18.7835, 6.1443, -2.2536

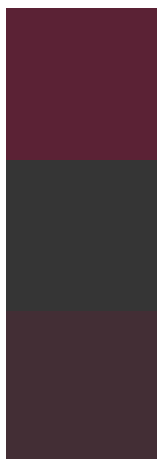
Deuteranomaly

18.8964, 7.0499, 1.9403

Tritanomaly

19.0191, 16.4770, 4.5796

Monochromacy



Original Color

19.0401, 18.5142, 1.5682

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.4508, 5.7733, 0.6471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0401, 18.5142, 1.5682 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(91, 34, 53)` looks like.

```
.text, #text, p{  
    color:rgb(91, 34, 53)  
}
```

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(91, 34, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 34, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0401, 18.5142, 1.5682 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(91, 34, 53) }
```


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

```
.border{ border-color:rgb(91, 34, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 34, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 34, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 34, 53);  
box-shadow:4px 4px 4px 4px rgb(91, 34, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0401, 18.5142, 1.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 34, 53) }
```

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

```
.background{ background-color: rgb(91, 34,  
53) }
```

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