

Converting Colors

HunterLab(18.7429, -4.8137,
0.9617)

Have a look what the booklet for
HunterLab(18.7429, -4.8137, 0.9617)
contains.

HunterLab(18.8595, -4.8822, 0.9469)	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(18.8595, -4.8822,
0.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	293835
RGB	41, 56, 53
RGB Percent	16%, 22%, 21%
CMY	0.8392, 0.7804, 0.7922
CMYK	0.27, 0.00, 0.05, 0.78
HSL	168°, 15%, 19%
HSV	168°, 27%, 22%
XYZ	2.9712, 3.5568, 3.8981
YIQ	51.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

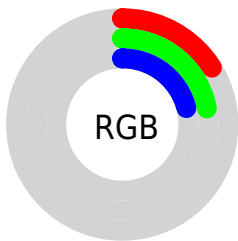
Format	Color
R_{YB}	41, 49, 56
Decimal	2701365
CIE Lab	22.15, -6.93, -0.14
CIE LCh	22, 6.927, 181.180
Yxy	3.5570, 0.2850, 0.3411
Android (android.graphics.Color)	4280891445 (0xFF293835)
YUV	51.1730, 0.9007, -8.9217
Hunter-Lab	18.8595, -4.8822, 0.9469

Details

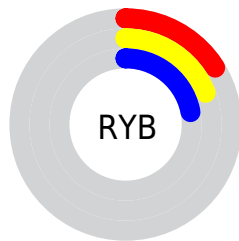
The HunterLab color **18.8595, -4.8822, 0.9469** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1511, 3.5492, 1.2664**, and the grayscale version is **18.2522, -0.9739, 0.9917**.

A 20% lighter version of the original color is **35.5353, -6.7668, 2.0828**, and **5.5261, -3.6061, 0.8773** is the 20% darker color. If you saturate the color by 10%, you get **18.5464, -6.1026, 0.9806**, and if you desaturate by 10%, it is **19.2116, -3.5453, 0.9593**.

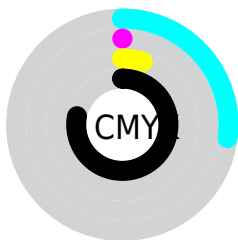
Distribution



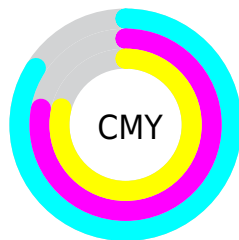
- Red (16%)
- Green (22%)
- Blue (21%)



- Red (16%)
- Yellow (19%)
- Blue (22%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8595, -4.8822, 0.9469 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 18.8595, -4.8822, 0.9469 by changing the saturation by 10% instead.

■ 18.8595, -4.8822,
0.9469

■ 18.8595, -4.8822,
0.9469

■ 116.1144,
-13.5194, 6.1751

■ 11.9539, -3.9170,
0.5824

■ 35.4917, -6.7506,
1.8339

■ 4.8777, -6.4477,
0.1442

■ 45.0301, -7.6825,
2.3451

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2966, -8.6220,
2.8964

0.0000, NaN, NaN

■ 66.2430, -9.5726,
3.4852

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.8292, -10.5364,
4.1092

0.0000, NaN, NaN

■ 90.0217, -11.5149,

102.7918,
-12.5090, 5.4557

18.8595, -4.8822,
0.9469

18.8595, -4.8822,
0.9469

18.5464, -6.1026,
0.9806

19.2116, -3.5453,
0.9593

18.2713, -7.1984,
1.0593

19.6011, -2.0994,
1.0165

18.0342, -8.1644,
1.1823

20.0278, -0.5542,
1.1178

17.8344, -8.9972,
1.3477

20.4908, 1.0806,
1.2617

17.6706, -9.6963,
1.5530

20.9890, 2.7955,
1.4465

■ 17.5376, -10.2784,
1.7905

■ 21.5212, 4.5808,
1.6699

■ 17.4091, -10.8466,
2.0278

■ 22.0861, 6.4277,
1.9298

■ 17.3678, -11.0302,
2.1029

■ 22.6824, 8.3277,
2.2238

■ 23.3086, 10.2733,
2.5495

Harmonies

Analogous

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



18.8599, -4.4212, 2.7884



18.8595, -4.8822, 0.9469



18.8599, -4.3439, -1.0756

Triad

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



18.8599, -4.8825, 0.9472



18.8599, 1.1324, -2.5700



18.8599, 0.9819, 4.0956

Complementary

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



18.8595, -4.8822, 0.9469



16.1511, 3.5492, 1.2664

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.



18.8599, 2.5786, 2.9116



18.8595, -4.8822, 0.9469



18.8599, 2.6681, -0.9235

Square

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



18.8599, -4.8825, 0.9472



18.8599, -0.9239, -3.2387



18.8599, 3.2084, 1.1057



18.8599, -1.0906, 4.4819

Rectangle

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



18.8595, -4.8822, 0.9469



18.8599, -3.4760, -2.2233



18.8599, 3.2084, 1.1057



18.8599, 1.5952, 3.7846

Sweetspot

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



18.8599, -4.8825, 0.9472



25.6885, -3.0784, 1.3204



18.7873, -5.6665, 4.8568



13.7341, -1.7254, 0.7033



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.



18.8599, -4.8825, 0.9472



24.5125, -7.5365, 1.2692



17.8628, -2.8279, -1.4614



10.6023, -1.2645, 0.5452



28.4720, -18.3103, 3.9393



73.4383, -47.8448, 11.4916

Inverse Universe

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



16.1511, 3.5492, 1.2664



20.0889, 6.2788, 1.8137



17.0202, 1.4592, 3.2053



10.1345, 0.1849, 0.5969



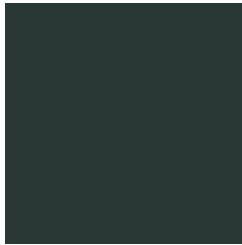
15.1983, 26.3229, 7.5321



39.0992, 67.4212, 21.6792

Previews

White Background



This preview shows how the HunterLab color 18.8595, -4.8822, 0.9469 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



This preview shows how the HunterLab color 18.8595, -4.8822, 0.9469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

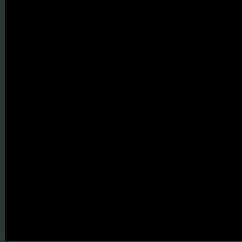
Any Text WCAG AA × Fail

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 18.8595, -4.8822, 0.9469 Background



This preview shows how black text looks on a background with the HunterLab color 18.8595, -4.8822, 0.9469.



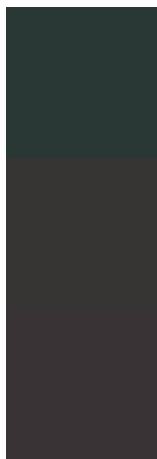
This preview shows how white text looks on a background with the HunterLab color 18.8595, -4.8822,

0.9469.

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

18.8595, -4.8822, 0.9469

Protanopia

18.8931, -1.0160, 1.7954

Deuteranopia

18.7186, 0.9715, 0.4968



Tritanopia

18.8159, -3.4201, -1.5036

Trichromacy



Original Color

18.8595, -4.8822, 0.9469

Protanomaly

18.8129, -2.5069, 1.3097

Deuteranomaly

18.7519, -1.3632, 0.4962

Tritanomaly

18.7617, -3.7243, -0.7369

Monochromacy



Original Color

18.8595, -4.8822, 0.9469

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.4350, -2.5815, 0.8656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8595, -4.8822, 0.9469 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(41, 56, 53)` looks like.

```
.text, #text, p{  
    color:rgb(41, 56, 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(41, 56, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 56, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8595, -4.8822, 0.9469 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(41, 56, 53) }
```


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

```
.border{ border-color:rgb(41, 56, 53) }
```

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

Here you see how a box with a 4 pixel rgb(41, 56, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 56, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 56, 53);  
box-shadow:4px 4px 4px 4px rgb(41, 56, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8595, -4.8822, 0.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 56, 53) }
```

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

```
.background{ background-color: rgb(41, 56,  
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