

Converting Colors

HunterLab(18.4261, 4.1768,
-10.5018)

Have a look what the booklet for
HunterLab(18.4261, 4.1768,
-10.5018) contains.

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Color

**HunterLab(18.4993, 3.9843,
-10.4451)**

Conversions

Conversions Part 1

Format	Color
Hex	33314C
RGB	51, 49, 76
RGB Percent	20%, 19%, 30%
CMY	0.8000, 0.8078, 0.7020
CMYK	0.33, 0.36, 0.00, 0.70
HSL	244°, 22%, 25%
HSV	244°, 36%, 30%
XYZ	3.7681, 3.4222, 7.2994
YIQ	52.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

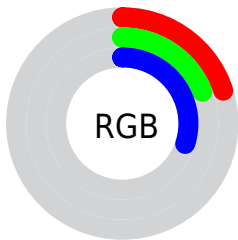
Format	Color
R_{YB}	51, 49, 76
Decimal	3354956
CIE _{Lab}	21.66, 8.16, -16.31
CIE _{LCh}	22, 18.238, 296.563
Yxy	3.4224, 0.2601, 0.2362
Android (android.graphics.Color)	4281545036 (0xFF33314C)
YUV	52.6760, 11.4987, -1.4699
Hunter-Lab	18.4993, 3.9843, -10.4451

Details

The HunterLab color **18.4993, 3.9843, -10.4451** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.1659, -5.1120, 9.4494**, and the grayscale version is **18.7235, -0.9990, 1.0173**.

A 20% lighter version of the original color is **35.0168, 4.1267, -11.2019**, and **4.2145, 8.3680, -16.4808** is the 20% darker color. If you saturate the color by 10%, you get **16.3409, 5.7968, -14.6381**, and if you desaturate by 10%, it is **20.7593, 2.3231, -6.6961**.

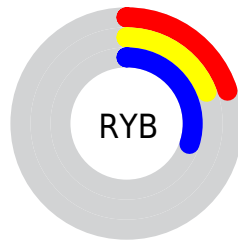
Distribution



Red (20%)

Green (19%)

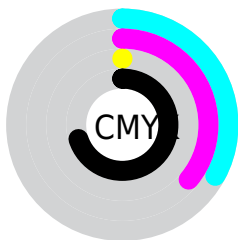
Blue (30%)



Red (20%)

Yellow (19%)

Blue (30%)

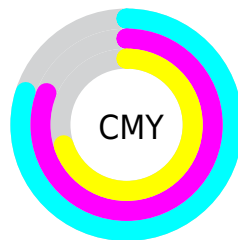


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (70%)



Cyan (80%)

Magenta (81%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4993, 3.9843, -10.4451 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 18.4993, 3.9843, -10.4451 by changing the saturation by 10% instead.

■ 18.4993, 3.9843,
-10.4451

■ 18.4993, 3.9843,
-10.4451

■ 115.4527, 2.6727,
-11.5460

■ 11.6448, 3.7158,
-10.0195

■ 35.0465, 4.1757,
-11.1572

■ 4.2891, 8.0566,
-16.2387

■ 44.5480, 4.1403,
-11.4054

0.0000, NaN, -NF

■ 54.7802, 4.0340,
-11.5822

0.0000, NaN, NaN

■ 65.6944, 3.8653,
-11.6919

0.0000, NaN, NaN

■ 77.2502, 3.6402,
-11.7391

0.0000, NaN, NaN

■ 89.4139, 3.3639,

0.0000, NaN, NaN

-11.7280

0.0000, NaN, NaN

102.1565, 3.0403,
-11.6625

■ 18.4993, 3.9843,
-10.4451

■ 18.4993, 3.9843,
-10.4451

■ 16.3409, 5.7968,
-14.6381

■ 20.7593, 2.3231,
-6.6961

■ 14.3056, 7.7966,
-19.3870

■ 23.1035, 0.7817,
-3.2970

■ 12.4254, 10.0124,
-24.7948

■ 25.5205, -0.6665,
-0.1713

■ 10.7452, 12.4380,
-30.8895

■ 28.0010, -2.0422,
2.7403

■ 9.3259, 14.9694,
-37.4616

■ 30.5381, -3.3615,
5.4834

■ 8.0764, 17.9424,
-44.9045

■ 33.1262, -4.6367,
8.0931

■ 7.4708, 19.7784,
-49.3143

■ 35.7609, -5.8776,
10.5965

■ 38.4385, -7.0917,
13.0148

■ 41.1559, -8.2848,
15.3647

Harmonies

Analogous

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



18.4997, -1.6181, -12.1176



18.4993, 3.9843, -10.4451



18.4997, 8.6932, -5.4406

Triad

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



18.4997, 3.9841, -10.4446



18.4997, 5.2093, 7.5901



18.4997, -10.4078, 1.6002

Complementary

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



18.4993, 3.9843, -10.4451



26.1659, -5.1120, 9.4494

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.



18.4997, -9.0141, 5.7381



18.4993, 3.9843, -10.4451



18.4997, -0.3496, 8.4990

Square

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



18.4997, 3.9841, -10.4446



18.4997, 9.4567, 4.9655



18.4997, -5.4850, 7.9361



18.4997, -9.5311, -4.0819

Rectangle

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



18.4993, 3.9843, -10.4451



18.4997, 10.4663, -1.4875



18.4997, -5.4850, 7.9361



18.4997, -10.1938, 3.1962

Sweetspot

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



18.4997, 3.9841, -10.4446



31.8006, 0.2339, -2.6198



24.6965, -6.8389, -1.3171



16.1951, 0.1848, -1.4835



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.4997, 3.9841, -10.4446



21.8196, 7.4318, -18.8079



19.5413, 7.2444, -8.5776



12.8931, -0.1147, -0.5875



10.0402, 26.7486, -67.5761



24.0921, 64.8551, -167.3503

Inverse Universe

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



20.5613, 10.1586, -5.8341



25.3440, 17.3944, -10.1272



25.2454, -8.5086, 8.5826



13.1342, 0.6918, -0.1597



19.0813, 36.9544, -20.8261



46.3888, 89.7435, -49.8786

Previews

White Background



This preview shows how the HunterLab color 18.4993, 3.9843, -10.4451 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

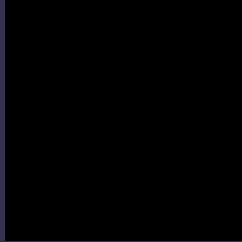
Any Text WCAG AA × Fail

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 18.4993, 3.9843, -10.4451 Background



This preview shows how black text looks on a background with the HunterLab color 18.4993, 3.9843, -10.4451.



This preview shows how white text looks on a background with the HunterLab color 18.4993, 3.9843, -10.4451.

-10.4451.

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

18.4993, 3.9843, -10.4451

Protanopia

18.5238, 1.8426, -11.6236

Deuteranopia

18.5909, 0.6182, -9.7627



Tritanopia

18.5633, -1.8700, -0.9575

Trichromacy



Original Color

18.4993, 3.9843, -10.4451

Protanomaly

18.4333, 2.6691, -11.1781

Deuteranomaly

18.5298, 1.6357, -9.8526

Tritanomaly

18.5864, -0.1389, -4.0225

Monochromacy



Original Color

18.4993, 3.9843, -10.4451

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7696, 0.3098, -2.3747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4993, 3.9843, -10.4451 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(51, 49, 76)` looks like.

```
.text, #text, p{  
    color:rgb(51, 49, 76)  
}
```

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(51, 49, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 49, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4993, 3.9843, -10.4451 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(51, 49, 76) }
```


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

```
.border{ border-color:rgb(51, 49, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 49, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 49, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 49, 76);  
box-shadow:4px 4px 4px 4px rgb(51, 49, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4993, 3.9843, -10.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 49, 76) }
```

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

```
.background{ background-color: rgb(51, 49,  
76) }
```

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](#).

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