

Converting Colors

HunterLab(15.9912, 4.9553,
-4.4080)

Have a look what the booklet for
HunterLab(15.9912, 4.9553, -4.4080)
contains.

HunterLab(16.0308, 4.9664, -4.3514)	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(16.0308, 4.9664,
-4.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	352839
RGB	53, 40, 57
RGB Percent	21%, 16%, 22%
CMY	0.7922, 0.8431, 0.7765
CMYK	0.07, 0.30, 0.00, 0.78
HSL	286°, 18%, 19%
HSV	286°, 30%, 22%
XYZ	2.9655, 2.5699, 4.2106
YIQ	45.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

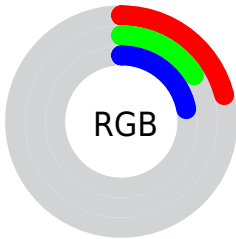
Format	Color
R_{YB}	53, 40, 57
Decimal	3483705
CIE Lab	18.23, 9.86, -8.61
CIE LCh	18, 13.088, 318.852
Yxy	2.5700, 0.3043, 0.2637
Android (android.graphics.Color)	4281673785 (0xFF352839)
YUV	45.8250, 5.5093, 6.2925
Hunter-Lab	16.0308, 4.9664, -4.3514




Details

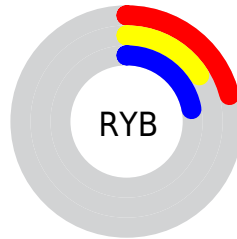
The HunterLab color **16.0308, 4.9664, -4.3514** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.0131, -6.1886, 5.3470**, and the grayscale version is **16.4534, -0.8779, 0.8939**.




A 20% lighter version of the original color is **31.9465, 5.5709, -4.5235**, and **1.7047, 4.6239, -12.1123** is the 20% darker color. If you saturate the color by 10%, you get **14.7574, 7.0491, -6.3350**, and if you desaturate by 10%, it is **17.3779, 2.9061, -2.4478**.

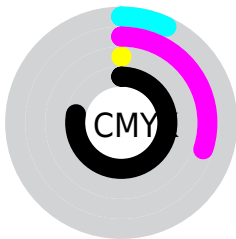
Distribution







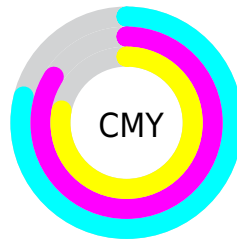
-  Red (21%)
-  Green (16%)
-  Blue (22%)






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



-  Cyan (7%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0308, 4.9664, -4.3514 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 16.0308, 4.9664, -4.3514 by changing the saturation by 10% instead.

■ 16.0308, 4.9664,
-4.3514

■ 16.0308, 4.9664,
-4.3514

■ 110.8317, 4.6552,
-2.9494

■ 9.5478, 4.5218,
-4.1317

■ 31.9667, 5.4458,
-4.5036

0.0000, INF, -NF

0.0000, NaN, NaN

■ 41.2042, 5.5337,
-4.4581

0.0000, NaN, NaN

■ 51.1919, 5.5412,
-4.3439

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8771, 5.4785,
-4.1682

0.0000, NaN, NaN

■ 73.2170, 5.3530,
-3.9367

0.0000, NaN, NaN

■ 85.1757, 5.1710,

0.0000, NaN, NaN

-3.6539

97.7227, 4.9370,
-3.3238

16.0308, 4.9664,
-4.3514

16.0308, 4.9664,
-4.3514

14.7574, 7.0491,
-6.3350

17.3779, 2.9061,
-2.4478

13.5681, 9.1363,
-8.3945

18.7881, 0.8785,
-0.6230

12.4767, 11.1923,
-10.5108

20.2540, -1.1144,
1.1295

11.4984, 13.1598,
-12.6442

21.7692, -3.0731,
2.8176

10.6496, 14.9539,
-14.7268

23.3283, -5.0004,
4.4491

■ 9.8903, 16.6518,
-16.8194

■ 24.9269, -6.8997,
6.0319

■ 9.0804, 18.7414,
-19.3516

■ 26.5613, -8.7745,
7.5727

■ 9.0654, 18.7833,
-19.4018

■ 28.2285, -10.6285,
9.0778

■ 29.9257, -12.4650,
10.5526

Harmonies

Analogous

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



16.0311, 1.5501, -7.1062



16.0308, 4.9664, -4.3514



16.0311, 6.8809, -0.5165

Triad

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



16.0311, 4.9660, -4.3510



16.0311, 0.5673, 6.2646



16.0311, -7.1468, -1.5153

Complementary

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



16.0308, 4.9664, -4.3514



19.0131, -6.1886, 5.3470

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.



16.0311, -7.3573, 2.1476



16.0308, 4.9664, -4.3514



16.0311, -3.1285, 6.1166

Square

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



16.0311, 4.9660, -4.3510



16.0311, 4.1896, 5.2396



16.0311, -5.9504, 4.7741



16.0311, -5.3462, -5.2258

Rectangle

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



16.0308, 4.9664, -4.3514



16.0311, 6.9404, 1.8964



16.0311, -5.9504, 4.7741



16.0311, -7.3993, -0.2234

Sweetspot

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



16.0311, 4.9660, -4.3510



24.3633, 1.0328, -0.7140



16.0208, 0.0820, -4.4521



12.9853, 0.6369, -0.4569



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.



16.0311, 4.9660, -4.3510



19.4185, 8.5418, -7.6388



16.2551, 5.4092, -2.0648



10.1402, 0.3063, -0.1883



14.4179, 30.0261, -32.0391



36.6365, 76.7439, -84.8736

Inverse Universe

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



16.0293, 4.2519, 1.1374



19.4313, 7.3900, 1.6065



18.8710, -6.5618, 3.9488



10.1367, 0.1966, 0.5660



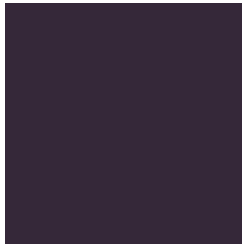
15.2362, 26.4626, 6.9762



39.1803, 67.7211, 20.4834

Previews

White Background



This preview shows how the HunterLab color 16.0308, 4.9664, -4.3514 looks on a white background.

Color Contrast Check

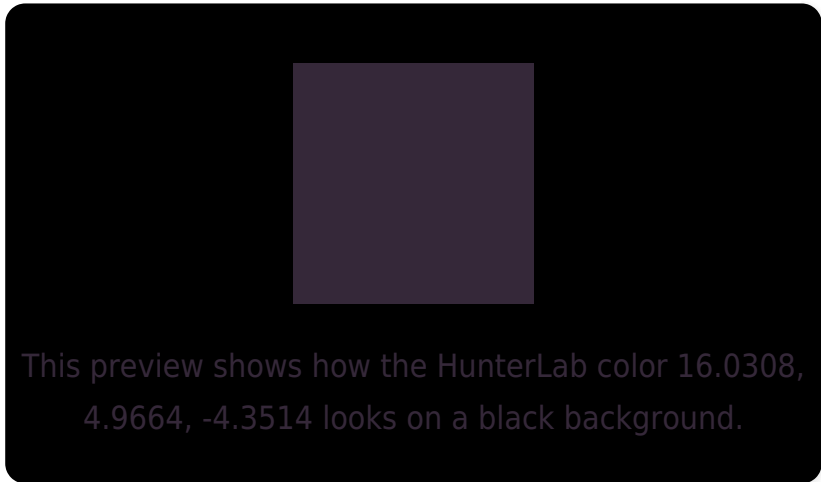
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0308, 4.9664, -4.3514 Background



This preview shows how black text looks on a background with the HunterLab color 16.0308, 4.9664, -4.3514.



This preview shows how white text looks on a background with the HunterLab color 16.0308, 4.9664,

-4.3514.

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

16.0308, 4.9664, -4.3514

Protanopia

16.0584, 0.7025, -5.8764

Deuteranopia

16.1260, 0.6781, -3.8072



Tritanopia

15.9906, 2.0036, 0.3046

Trichromacy



Original Color

16.0308, 4.9664, -4.3514

Protanomaly

16.1289, 2.0483, -5.2357

Deuteranomaly

16.1790, 2.0266, -3.7058

Tritanomaly

15.9569, 3.2276, -1.3233

Monochromacy



Original Color

16.0308, 4.9664, -4.3514

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.3848, 1.2098, -0.8021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0308, 4.9664, -4.3514 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(53, 40, 57)` looks like.

```
.text, #text, p{  
    color:rgb(53, 40, 57)  
}
```

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(53, 40, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 40, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0308, 4.9664, -4.3514 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(53, 40, 57) }
```


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

```
.border{ border-color:rgb(53, 40, 57) }
```

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

Here you see how a box with a 4 pixel rgb(53, 40, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 40, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 40, 57);  
box-shadow:4px 4px 4px 4px rgb(53, 40, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0308, 4.9664, -4.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 40, 57) }
```

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

```
.background{ background-color: rgb(53, 40,  
57) }
```

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