

Converting Colors

HunterLab(16.1524, 2.3251,
-0.9947)

Have a look what the booklet for
HunterLab(16.1524, 2.3251, -0.9947)
contains.

HunterLab(16.0936, 2.5476, -1.1558)	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(16.0936, 2.5476,
-1.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	332A32
RGB	51, 42, 50
RGB Percent	20%, 16%, 20%
CMY	0.8000, 0.8353, 0.8039
CMYK	0.00, 0.18, 0.02, 0.80
HSL	307°, 10%, 18%
HSV	307°, 18%, 20%
XYZ	2.7689, 2.5900, 3.3716
YIQ	45.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

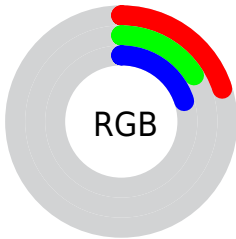
Format	Color
R _{YB}	51, 42, 50
Decimal	3353138
CIE Lab	18.32, 5.91, -3.63
CIE LCh	18, 6.938, 328.457
Yxy	2.5902, 0.3172, 0.2967
Android (android.graphics.Color)	4281543218 (0xFF332A32)
YUV	45.6030, 2.1677, 4.7332
Hunter-Lab	16.0936, 2.5476, -1.1558

Details

The HunterLab color **16.0936, 2.5476, -1.1558** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.4195, -4.0996, 2.8825**, and the grayscale version is **16.3907, -0.8746, 0.8905**.

A 20% lighter version of the original color is **31.9410, 2.4981, -0.8160**, and **0.6620, 1.7958, -4.7041** is the 20% darker color. If you saturate the color by 10%, you get **14.9875, 4.5869, -2.3702**, and if you desaturate by 10%, it is **17.2633, 0.5390, 0.0613**.

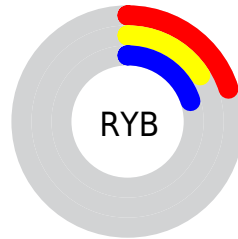
Distribution



 Red (20%)

 Green (16%)

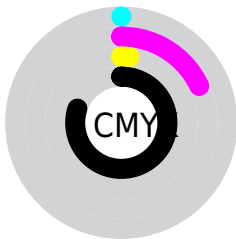
 Blue (20%)



 Red (20%)

 Yellow (16%)

 Blue (20%)

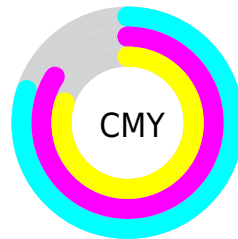


 Cyan (0%)

 Magenta (18%)

 Yellow (2%)

 Black (80%)



 Cyan (80%)

 Magenta (84%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0936, 2.5476, -1.1558 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 16.0936, 2.5476, -1.1558 by changing the saturation by 10% instead.

■ 16.0936, 2.5476,
-1.1558

■ 16.0936, 2.5476,
-1.1558

■ 110.9513, 0.3744,
2.3387

■ 9.6006, 2.4018,
-1.2302

■ 32.0458, 2.5124,
-0.7553

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.2902, 2.3731,
-0.4563

0.0000, NaN, NaN

■ 51.2843, 2.1684,
-0.1023

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9756, 1.9057,
0.3014

0.0000, NaN, NaN

■ 73.3211, 1.5909,
0.7504

0.0000, NaN, NaN

■ 85.2852, 1.2285,

0.0000, NaN, NaN

1.2414

97.8374, 0.8220,
1.7716

16.0936, 2.5476,
-1.1558

16.0936, 2.5476,
-1.1558

14.9875, 4.5869,
-2.3702

17.2633, 0.5390,
0.0613

13.9528, 6.6446,
-3.5710

18.4880, -1.4313,
1.2733

12.9998, 8.6958,
-4.7396

19.7617, -3.3619,
2.4766

12.1397, 10.7016,
-5.8490

21.0791, -5.2541,
3.6697

11.3842, 12.6054,
-6.8627

22.4356, -7.1103,
4.8521

■ 10.7448, 14.3333,
-7.7357

■ 23.8275, -8.9340,
6.0242

■ 10.1889, 15.9370,
-8.5038

■ 25.2515, -10.7286,
7.1868

■ 9.6071, 17.7647,
-9.3829

■ 26.7048, -12.4978,
8.3411

■ 9.4650, 18.2380,
-9.6115

■ 28.1851, -14.2449,
9.4881

Harmonies

Analogous

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



16.0940, 1.0122, -2.6796



16.0936, 2.5476, -1.1558



16.0940, 3.1637, 0.7773

Triad

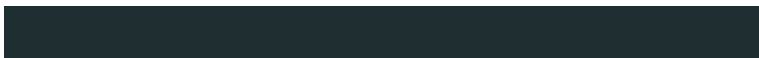
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.0940, 2.5472, -1.1555



16.0940, -0.7560, 4.1178



16.0940, -4.0998, -0.9645

Complementary

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



16.0936, 2.5476, -1.1558



17.4195, -4.0996, 2.8825

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.



16.0940, -4.5228, 0.9741



16.0936, 2.5476, -1.1558



16.0940, -2.6496, 3.7692

Square

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



16.0940, 2.5472, -1.1555



16.0940, 1.1999, 3.6898



16.0940, -4.0046, 2.6730



16.0940, -2.8205, -2.5602

Rectangle

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



16.0936, 2.5476, -1.1558



16.0940, 2.9491, 1.9906



16.0940, -4.0046, 2.6730



16.0940, -4.3441, -0.3245

Sweetspot

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



16.0940, 2.5472, -1.1555



22.6155, 0.0849, 0.4520



15.5130, 0.6716, -2.3997



11.9316, 0.0602, 0.2293



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.0940, 2.5472, -1.1555



20.0930, 4.4490, -2.1874



15.9812, 1.9512, 0.4445



9.4605, 0.3602, -0.0051



16.4487, 31.6303, -16.2030



43.0682, 82.6605, -41.1994

Inverse Universe

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



16.0940, 2.5472, -1.1555



20.0930, 4.4490, -2.1874



17.5170, -3.5494, 1.4850



9.4605, 0.3602, -0.0051



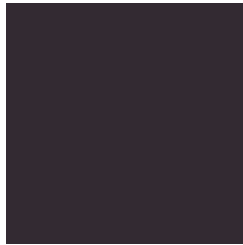
16.4487, 31.6303, -16.2030



43.0682, 82.6605, -41.1994

Previews

White Background



This preview shows how the HunterLab color 16.0936, 2.5476, -1.1558 looks on a white background.

Color Contrast Check

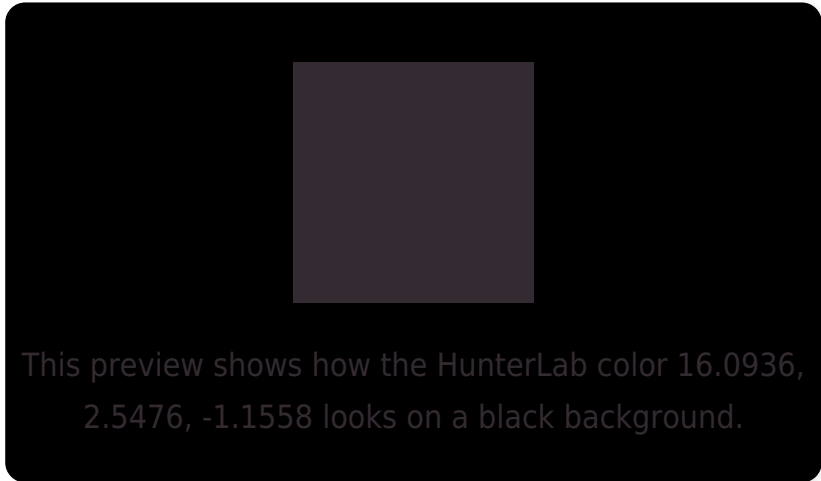
Large Text (above 18pt) WCAG AA ✓ Pass

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

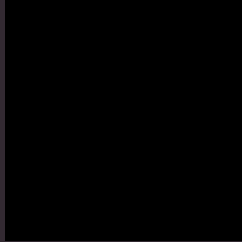
Any Text WCAG AA × Fail

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 16.0936, 2.5476, -1.1558 Background



This preview shows how black text looks on a background with the HunterLab color 16.0936, 2.5476, -1.1558.



This preview shows how white text looks on a background with the HunterLab color 16.0936, 2.5476, -1.1558.

-1.1558.

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

16.0936, 2.5476, -1.1558

Protanopia

16.0772, 0.2790, -2.0695

Deuteranopia

16.2357, 0.7079, -1.0030



Tritanopia

16.1342, 1.3313, 0.4666

Trichromacy



Original Color

16.0936, 2.5476, -1.1558

Protanomaly

16.0347, 1.2581, -1.6783

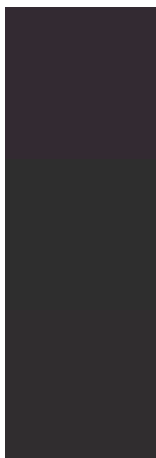
Deuteranomaly

16.0824, 1.3632, -1.1911

Tritanomaly

16.1589, 1.4632, 0.1150

Monochromacy



Original Color

16.0936, 2.5476, -1.1558

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4633, 0.1427, 0.4619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0936, 2.5476, -1.1558 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, 42, 50)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 50)  
}
```

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, 42, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0936, 2.5476, -1.1558 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, 42, 50) }
```


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

```
.border{ border-color:rgb(51, 42, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 42, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 50);  
box-shadow:4px 4px 4px 4px rgb(51, 42, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0936, 2.5476, -1.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 50) }
```

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

```
.background{ background-color: rgb(51, 42,  
50) }
```

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