

# Converting Colors

HunterLab(15.4469, 1.2699,  
1.5585)

Have a look what the booklet for  
HunterLab(15.4469, 1.2699, 1.5585)  
contains.

<b>HunterLab(15.4885, 1.2435, 1.5353)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(15.4885, 1.2435,  
1.5353)**

# Conversions

Conversions Part 1	
Format	Color
Hex	312929
RGB	49, 41, 41
RGB Percent	19%, 16%, 16%
CMY	0.8078, 0.8392, 0.8392
CMYK	0.00, 0.16, 0.16, 0.81
HSL	0°, 9%, 18%
HSV	0°, 16%, 19%
XYZ	2.4598, 2.3989, 2.4312
YIQ	43.3920, 4.7680, 1.6960

# Conversions

## Conversions Part 2

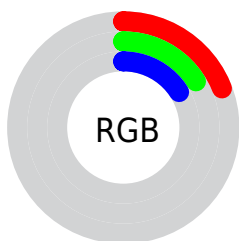
Format	Color
<a href="#">RYB</a>	<a href="#">49, 41, 41</a>
Decimal	<a href="#">3221801</a>
CIELab	<a href="#">17.46, 3.69, 1.36</a>
CIELCh	<a href="#">17, 3.935, 20.271</a>
Yxy	<a href="#">2.3990, 0.3374, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4281411881</a> (0xFF312929)
YUV	<a href="#">43.3920, -1.1793, 4.9182</a>
Hunter-Lab	<a href="#">15.4885, 1.2435, 1.5353</a>

# Details

The HunterLab color **15.4885, 1.2435, 1.5353** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9992, -2.7926, 0.2912**, and the grayscale version is **15.6739, -0.8363, 0.8516**.

A 20% lighter version of the original color is **31.2416, 0.9018, 2.5584**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.3140, 2.6418, 1.9197**, and if you desaturate by 10%, it is **16.7203, -0.1061, 1.1721**.

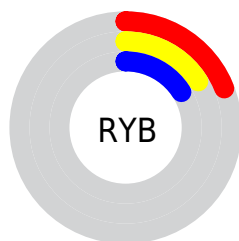
# Distribution



Red (19%)

Green (16%)

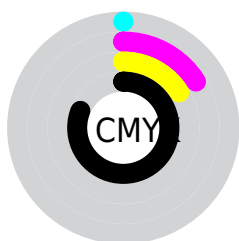
Blue (16%)



Red (19%)

Yellow (16%)

Blue (16%)

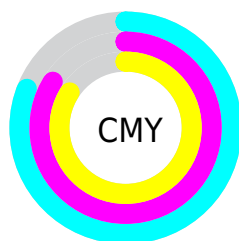


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4885, 1.2435, 1.5353 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 15.4885, 1.2435, 1.5353 by changing the saturation by 10% instead.



15.4885, 1.2435,  
1.5353

15.4885, 1.2435,  
1.5353

109.7943, -1.9604,  
7.3298

9.0851, 1.2938,  
1.1166

31.2827, 0.9213,  
2.5859

0.0000, NaN, NaN

0.0000, NaN, NaN

40.4594, 0.6562,  
3.1668

0.0000, NaN, NaN

50.3908, 0.3341,  
3.7823

0.0000, NaN, NaN

0.0000, NaN, NaN

61.0235, -0.0390,  
4.4310

0.0000, NaN, NaN


72.3139, -0.4582,  
5.1114


0.0000, NaN, NaN


84.2258, -0.9201,


0.0000, NaN, NaN


5.8221


 96.7281, -1.4217,  
6.5619


 15.4885, 1.2435,  
1.5353


 15.4885, 1.2435,  
1.5353


 14.3140, 2.6418,  
1.9197


 16.7203, -0.1061,  
1.1721

 13.2044, 4.0897,  
2.3251


 18.0012, -1.4083,  
0.8279


 12.1705, 5.5799,  
2.7500

 19.3258, -2.6679,  
0.5010

 11.2246, 7.0953,  
3.1897

 20.6891, -3.8899,  
0.1896

 10.3808, 8.6031,  
3.6341

 22.0873, -5.0791,  
-0.1083

■ 9.6542, 10.0501,  
4.0666

■ 23.5169, -6.2399,  
-0.3944

■ 9.0180, 11.4575,  
4.4925

■ 24.9751, -7.3765,  
-0.6704

■ 8.3435, 13.1276,  
5.0038

■ 26.4597, -8.4924,  
-0.9375

■ 8.0816, 13.8351,  
5.2221

■ 27.9686, -9.5907,  
-1.1970

# Harmonies

## Analogous

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



15.4888, 1.3508, 0.4933



15.4885, 1.2435, 1.5353



15.4888, 0.5720, 2.3360

# Triad

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



15.4888, 1.2430, 1.5356



15.4888, -2.4474, 2.0950



15.4888, -1.1892, -1.3128

# Complementary

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



15.4885, 1.2435, 1.5353



16.9992, -2.7926, 0.2912

# 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.



15.4888, -2.1785, -0.8150



15.4885, 1.2435, 1.5353



15.4888, -2.8913, 1.1850

# Square

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



15.4888, 1.2430, 1.5356



15.4888, -1.5657, 2.6427



15.4888, -2.7942, 0.1171



15.4888, -0.0748, -1.2023



# Rectangle

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



15.4885, 1.2435, 1.5353



15.4888, -0.0943, 2.6485



15.4888, -2.7942, 0.1171



15.4888, -1.5469, -1.2098

# Sweetspot

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



15.4888, 1.2430, 1.5356



21.6907, -0.3161, 1.4606



15.6864, 2.2940, -1.2769



11.8912, -0.1594, 0.8054



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.



15.4888, 1.2430, 1.5356



19.2054, 2.4485, 2.2082



16.4008, -0.3466, 2.5162



9.4105, 0.0892, 0.7096



14.6168, 25.0268, 9.4450



38.3590, 65.6863, 24.7866



# Inverse Universe

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



16.9992, -2.7926, 0.2912



21.7016, -4.2315, 0.1482



16.0311, -1.2508, -0.8904



9.8527, -1.0905, 0.3459



28.1243, -14.9076, -2.9716

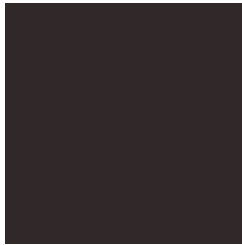


73.8088, -39.1227, -7.8000



# Previews

## White Background



This preview shows how the HunterLab color 15.4885, 1.2435, 1.5353 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 15.4885, 1.2435, 1.5353 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

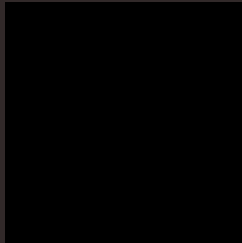
Any Text WCAG AA × Fail

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 15.4885, 1.2435, 1.5353 Background



This preview shows how black text looks on a background with the HunterLab color 15.4885, 1.2435, 1.5353.



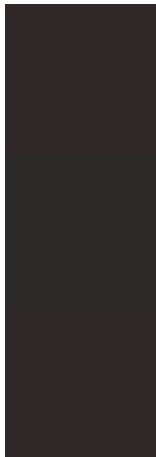
This preview shows how white text looks on a background with the HunterLab color 15.4885, 1.2435,



# 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

15.4885, 1.2435, 1.5353

### Protanopia

15.5897, -0.7126, 1.2631

### Deuteranopia

15.4089, 0.9766, 1.4401



## Tritanopia

15.5586, 1.6171, 0.5349

# Trichromacy



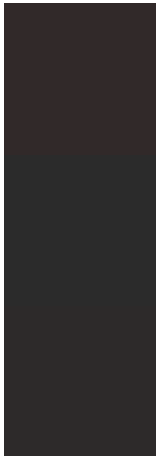
**Original Color**  
15.4885, 1.2435, 1.5353

**Protanomaly**  
15.5046, 0.1818, 1.1806

**Deuteranomaly**  
15.4089, 0.9766, 1.4401

**Tritanomaly**  
15.5347, 1.4899, 0.8756

# Monochromacy



**Original Color**  
15.4885, 1.2435, 1.5353

**Achromatopsia**  
15.5427, -0.8293, 0.8445

**Achromatomaly**  
15.4304, -0.0720, 1.0902

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.4885, 1.2435, 1.5353 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(49, 41, 41)` looks like.

```
.text, #text, p{  
    color:rgb(49, 41, 41)  
}
```

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(49, 41, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 41, 41) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.4885, 1.2435, 1.5353 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(49, 41, 41) }
```



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

```
.border{ border-color:rgb(49, 41, 41) }
```

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

Here you see how a box with a 4 pixel rgb(49, 41, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 41, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 41, 41);  
box-shadow:4px 4px 4px 4px rgb(49, 41, 41)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 15.4885, 1.2435, 1.5353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 41, 41) }
```

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

```
.background{ background-color: rgb(49, 41,  
41) }
```

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