

# Converting Colors

HunterLab(36.7795, 9.5124,  
6.8743)

Have a look what the booklet for  
HunterLab(36.7795, 9.5124, 6.8743)  
contains.

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# Color

**HunterLab(36.8592, 9.3536,  
6.9555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835E5B
RGB	131, 94, 91
RGB Percent	51%, 37%, 36%
CMY	0.4863, 0.6314, 0.6431
CMYK	0.00, 0.28, 0.31, 0.49
HSL	5°, 18%, 44%
HSV	5°, 31%, 51%
XYZ	15.2511, 13.5860, 11.7161
YIQ	104.7210, 23.0150, 6.9110

# Conversions

## Conversions Part 2

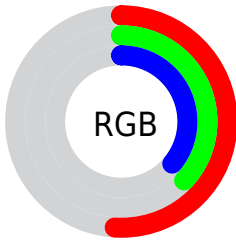
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 94, 91
Decimal	8609371
CIE Lab	43.63, 14.66, 7.69
CIE LCh	44, 16.553, 27.681
Yxy	13.5866, 0.3761, 0.3350
Android (android.graphics.Color)	4286799451 (0xFF835E5B)
YUV	104.7210, -6.7645, 23.0467
Hunter-Lab	36.8592, 9.3536, 6.9555

# Details

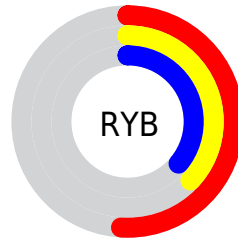
The HunterLab color **36.8592, 9.3536, 6.9555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.9324, -11.3444, -2.1067**, and the grayscale version is **37.4987, -2.0008, 2.0374**.

A 20% lighter version of the original color is **56.9984, 9.6754, 9.0791**, and **20.0221, 8.1006, 5.1277** is the 20% darker color. If you saturate the color by 10%, you get **33.7512, 13.6043, 8.4066**, and if you desaturate by 10%, it is **40.1991, 5.2730, 5.5067**.

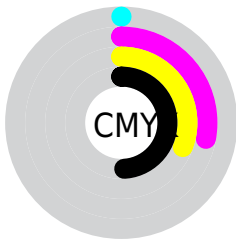
# Distribution



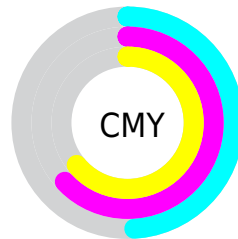
- Red (51%)
- Green (37%)
- Blue (36%)



- Red (51%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8592, 9.3536, 6.9555 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 36.8592, 9.3536, 6.9555 by changing the saturation by 10% instead.



36.8592, 9.3536,  
6.9555

36.8592, 9.3536,  
6.9555

146.5073, 9.5108,  
16.1825

27.9888, 8.9500,  
5.9698

56.8804, 9.8612,  
8.9268

19.9718, 8.4255,  
4.9683

67.9241, 9.9931,  
9.9227

12.9123, 7.7512,  
3.9285

79.6023, 10.0552,  
10.9298

6.3429, 9.7316,  
4.4401

91.8824, 10.0539,  
11.9501

0.0000, NaN, NaN

0.0000, NaN, NaN

104.7360, 9.9948,  
12.9848

0.0000, NaN, NaN

118.1388, 9.8821,

0.0000, NaN, NaN

132.0690, 9.7198,  
15.1005

■ 36.8592, 9.3536,  
6.9555

■ 36.8592, 9.3536,  
6.9555

■ 33.7512, 13.6043,  
8.4066

■ 40.1991, 5.2730,  
5.5067

■ 30.9132, 17.9889,  
9.8297

■ 43.7345, 1.3759,  
4.0735

■ 28.3934, 22.4125,  
11.1777

■ 47.4389, -2.3478,  
2.6630

■ 26.2434, 26.7076,  
12.3800

■ 51.2901, -5.9145,  
1.2770

■ 24.5130, 30.6243,  
13.3473

■ 55.2702, -9.3430,  
-0.0854

■ 23.2387, 33.8600,  
13.9918

■ 59.3644, -12.6523,  
-1.4266

■ 22.4472, 35.9974,  
14.4621

■ 63.5608, -15.8598,  
-2.7492

■ 67.8496, -18.9809,  
-4.0560

■ 72.2224, -22.0291,  
-5.3499

# Harmonies

## Analogous

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



36.8601, 10.8967, 1.5383



36.8592, 9.3536, 6.9555



36.8601, 4.7156, 10.4575

# Triad

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



36.8601, 9.3521, 6.9561



36.8601, -11.6333, 7.6373



36.8601, -2.4564, -11.4237

# Complementary

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



36.8592, 9.3536, 6.9555



43.9324, -11.3444, -2.1067

# 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.



36.8601, -8.2083, -9.0877



36.8592, 9.3536, 6.9555



36.8601, -13.2806, 2.4685

# Square

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



36.8601, 9.3521, 6.9561



36.8601, -7.4151, 10.8020



36.8601, -12.0693, -3.7420



36.8601, 3.8134, -9.6914



# Rectangle

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



36.8592, 9.3536, 6.9555



36.8601, 0.6446, 11.5613



36.8601, -12.0693, -3.7420



36.8601, -4.5112, -11.0808

# Sweetspot

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



36.8601, 9.3521, 6.9561



59.1707, 1.1675, 5.1990



37.2490, 16.3728, -9.4503



28.2516, 0.8757, 2.6255



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714



# Same Dimension

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



36.8601, 9.3521, 6.9561



46.2478, 16.6597, 10.7312



41.8811, 0.1360, 11.7974



21.7733, 0.4163, 1.9071



22.2749, 35.7013, 14.3507



1.4356, 1.7147, 0.9146



# Inverse Universe

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



43.9324, -11.3444, -2.1067



57.8018, -17.3664, -4.1301



38.2865, -2.6206, -9.7064



22.8488, -2.7013, 0.5367



38.8784, -18.5264, -8.6014



2.3830, -1.2063, -0.3746



# Previews

## White Background



This preview shows how the HunterLab color 36.8592, 9.3536, 6.9555 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

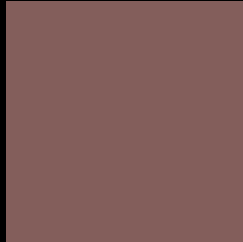
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 36.8592, 9.3536, 6.9555 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8592, 9.3536, 6.9555 Background



This preview shows how black text looks on a background with the HunterLab color 36.8592, 9.3536, 6.9555.



This preview shows how white text looks on a background with the HunterLab color 36.8592, 9.3536,



# 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

36.8592, 9.3536, 6.9555

### Protanopia

36.9741, -1.8239, 5.0058

### Deuteranopia

37.0190, 2.1143, 7.3558



## Tritanopia

36.9518, 11.3216, 3.6226

# Trichromacy



## Original Color

36.8592, 9.3536, 6.9555

## Protanomaly

36.9263, 1.9910, 5.7855

## Deuteranomaly

36.9926, 4.6581, 7.3730

## Tritanomaly

36.8745, 10.9258, 4.7292

# Monochromacy



## Original Color

36.8592, 9.3536, 6.9555

## Achromatopsia

37.5850, -2.0054, 2.0421

## Achromatomaly

37.1549, 1.7256, 3.6856

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.8592, 9.3536, 6.9555 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(131, 94, 91)` looks like.

```
.text, #text, p{  
    color:rgb(131, 94, 91)  
}
```

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(131, 94, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 94, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.8592, 9.3536, 6.9555 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(131, 94, 91) }
```



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

```
.border{ border-color:rgb(131, 94, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 94, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 94, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 94, 91);  
box-shadow:4px 4px 4px 4px rgb(131, 94,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.8592, 9.3536, 6.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 94, 91) }
```

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

```
.background{ background-color: rgb(131, 94,  
91) }
```

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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