

# Converting Colors

HunterLab(36.9452, 4.0007,  
20.1823)

Have a look what the booklet for  
HunterLab(36.9452, 4.0007,  
20.1823) contains.

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# Color

**HunterLab(36.9639, 4.2041,  
20.1734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	856124
RGB	133, 97, 36
RGB Percent	52%, 38%, 14%
CMY	0.4784, 0.6196, 0.8588
CMYK	0.00, 0.27, 0.73, 0.48
HSL	38°, 57%, 33%
HSV	38°, 73%, 52%
XYZ	14.2660, 13.6633, 3.5545
YIQ	100.8100, 41.0370, -11.3390

# Conversions

## Conversions Part 2

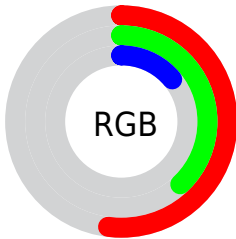
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 133, 36
Decimal	8741156
CIELab	43.75, 8.19, 39.09
CIElCh	44, 39.940, 78.165
Yxy	13.6640, 0.4531, 0.4340
Android (android.graphics.Color)	4286931236 (0xFF856124)
YUV	100.8100, -31.9513, 28.2306
Hunter-Lab	36.9639, 4.2041, 20.1734

# Details

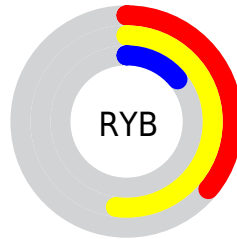
The HunterLab color **36.9639, 4.2041, 20.1734** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.8901, 4.8737, -34.7782**, and the grayscale version is **36.1092, -1.9267, 1.9619**.

A 20% lighter version of the original color is **56.8563, 4.1684, 26.3610**, and **20.1820, 4.4119, 12.5133** is the 20% darker color. If you saturate the color by 10%, you get **35.6557, 5.9750, 20.7534**, and if you desaturate by 10%, it is **38.3427, 2.6331, 19.1277**.

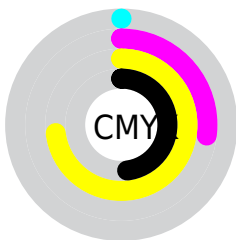
# Distribution



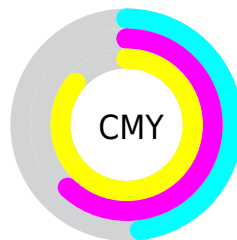
- Red (52%)
- Green (38%)
- Blue (14%)



- Red (36%)
- Yellow (52%)
- Blue (14%)



- Cyan (0%)
- Magenta (27%)
- Yellow (73%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9639, 4.2041, 20.1734 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 36.9639, 4.2041, 20.1734 by changing the saturation by 10% instead.



36.9639, 4.2041,  
20.1734

36.9639, 4.2041,  
20.1734

146.6732, 1.7608,  
44.8097

28.0844, 4.1718,  
16.7364

57.0014, 4.0353,  
26.4112

20.0573, 4.0468,  
13.6573

68.0525, 3.8560,  
29.2970

12.9862, 3.8045,  
9.0903

79.7377, 3.6216,  
32.0681

6.4407, 5.1979,  
4.5085

92.0243, 3.3367,  
34.7459

0.0000, NaN, NaN

0.0000, NaN, NaN

104.8843, 3.0052,  
37.3471

0.0000, NaN, NaN

118.2932, 2.6303,

0.0000, NaN, NaN

39.8848

0.0000, NaN, NaN

132.2292, 2.2147,  
42.3696

36.9639, 4.2041,  
20.1734

36.9639, 4.2041,  
20.1734

35.6557, 5.9750,  
20.7534

38.3427, 2.6331,  
19.1277

34.4165, 7.9379,  
20.8812

39.7873, 1.2727,  
17.6179

33.5737, 9.3816,  
20.8522

41.2959, 0.1212,  
15.6574

42.8657, -0.8253,  
13.2652

44.4936, -1.5731,  
10.4642

■ 46.1768, -2.1305,  
7.2790

■ 47.9121, -2.5068,  
3.7346

■ 49.6969, -2.7116,  
-0.1445

■ 51.5284, -2.7552,  
-4.3344

# Harmonies

## Analogous

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



36.9648, 19.5700, 17.2940



36.9639, 4.2041, 20.1734



36.9648, -10.6383, 19.8628

# Triad

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



36.9648, 4.2023, 20.1738



36.9648, -25.8141, -7.7295



36.9648, 22.3748, -21.7017

# Complementary

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



36.9639, 4.2041, 20.1734



25.8901, 4.8737, -34.7782

# 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.



36.9648, 7.5693, -35.2706



36.9639, 4.2041, 20.1734



36.9648, -19.4924, -25.2184

# Square

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



36.9648, 4.2023, 20.1738



36.9648, -26.4172, 7.2641



36.9648, -7.7703, -36.7682



36.9648, 31.1384, -4.1453



# Rectangle

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



36.9639, 4.2041, 20.1734



36.9648, -18.3320, 17.8589



36.9648, -7.7703, -36.7682



36.9648, 17.8393, -27.1399

# Sweetspot

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



36.9648, 4.2023, 20.1738



59.6375, -2.1425, 13.8302



25.9458, 33.7971, 2.1020



28.0718, -0.9224, 6.9871



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.



36.9648, 4.2023, 20.1738



46.5329, 9.8281, 27.9533



45.8441, -15.2534, 25.8231



22.6720, -1.1109, 2.8906



32.7910, 9.1086, 20.3652



2.2643, -0.0739, 1.3939



# Inverse Universe

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



25.8901, 4.8737, -34.7782



29.2554, 13.3027, -62.2753



18.8871, 24.1400, -57.5978



21.9243, -1.1963, -0.5757



19.3608, 13.1417, -52.5684



1.6165, -0.1520, -1.6924



# Previews

## White Background



This preview shows how the HunterLab color 36.9639, 4.2041, 20.1734 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 36.9639, 4.2041, 20.1734 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

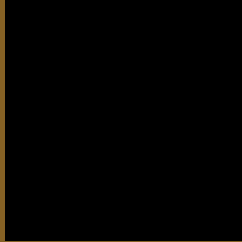
Any Text WCAG AA × Fail

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 36.9639, 4.2041, 20.1734 Background



This preview shows how black text looks on a background with the HunterLab color 36.9639, 4.2041, 20.1734.



This preview shows how white text looks on a background with the HunterLab color 36.9639, 4.2041,



# 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

36.9639, 4.2041, 20.1734

### Protanopia

37.0858, -4.7230, 19.8378

### Deuteranopia

37.1442, 2.2098, 20.2626



## Tritanopia

36.9897, 13.7441, 4.5118

# Trichromacy



## Original Color

36.9639, 4.2041, 20.1734

## Protanomaly

36.8490, -1.4465, 19.8647

## Deuteranomaly

36.9973, 3.0229, 20.1758

## Tritanomaly

36.8388, 9.8500, 12.1589

# Monochromacy



## Original Color

36.9639, 4.2041, 20.1734

## Achromatopsia

36.0744, -1.9248, 1.9600

## Achromatomaly

36.2779, -0.9646, 10.8625

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.9639, 4.2041, 20.1734 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(133, 97, 36)` looks like.

```
.text, #text, p{  
    color:rgb(133, 97, 36)  
}
```

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(133, 97, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 97, 36) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.9639, 4.2041, 20.1734 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(133, 97, 36) }
```



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

```
.border{ border-color:rgb(133, 97, 36) }
```

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

Here you see how a box with a 4 pixel rgb(133, 97, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 97, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 97, 36);  
box-shadow:4px 4px 4px 4px rgb(133, 97,  
36) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.9639, 4.2041, 20.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 97, 36) }
```

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

```
.background{ background-color: rgb(133, 97,  
36) }
```

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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