

Converting Colors

HunterLab(37.6430, 23.7232,
3.8117)

Have a look what the booklet for
HunterLab(37.6430, 23.7232,
3.8117) contains.

HunterLab(37.6430, 23.7232, 3.8117)	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(37.6430, 23.7232,
3.8117)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5466
RGB	154, 84, 102
RGB Percent	60%, 33%, 40%
CMY	0.3961, 0.6706, 0.6000
CMYK	0.00, 0.45, 0.34, 0.40
HSL	345°, 29%, 47%
HSV	345°, 45%, 60%
XYZ	18.8950, 14.1700, 14.3095
YIQ	106.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

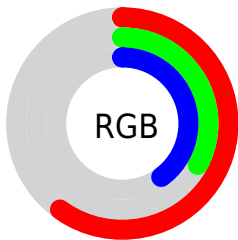
Format	Color
R_{YB}	154, 84, 102
Decimal	10114150
CIE _{Lab}	44.48, 31.14, 2.59
CIE _{LCh}	44, 31.248, 4.747
Yxy	14.1707, 0.3988, 0.2991
Android (android.graphics.Color)	4288304230 (0xFF9A5466)
YUV	106.9820, -2.4561, 41.2348
Hunter-Lab	37.6430, 23.7232, 3.8117

Details

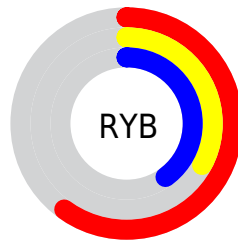
The HunterLab color **37.6430, 23.7232, 3.8117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51.7435, -22.7424, 4.7947**, and the grayscale version is **38.3375, -2.0456, 2.0829**.

A 20% lighter version of the original color is **57.7317, 25.7125, 5.0737**, and **20.6080, 20.8950, 2.6656** is the 20% darker color. If you saturate the color by 10%, you get **34.3882, 29.6185, 4.8148**, and if you desaturate by 10%, it is **41.3191, 17.6872, 3.1655**.

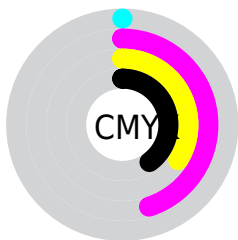
Distribution



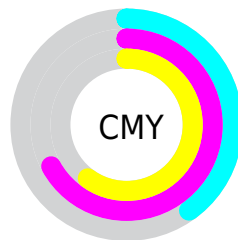
- Red (60%)
- Green (33%)
- Blue (40%)



- Red (60%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6430, 23.7232, 3.8117 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 37.6430, 23.7232, 3.8117 by changing the saturation by 10% instead.

37.6430, 23.7232,
3.8117

37.6430, 23.7232,
3.8117

147.7464, 29.9743,
10.8657

28.7045, 22.5134,
3.1655

57.7854, 25.7583,
5.1923

20.6120, 21.1654,
2.5469

68.8839, 26.6117,
5.9244

13.4668, 19.6852,
1.9543

80.6141, 27.3689,
6.6837

7.0399, 20.5003,
1.9057

92.9435, 28.0387,
7.4696

0.0000, INF, NaN

0.0000, NaN, NaN

105.8443, 28.6283,
8.2814

0.0000, NaN, NaN

119.2923, 29.1439,

0.0000, NaN, NaN

9.1185

0.0000, NaN, NaN

133.2660, 29.5910,
9.9801

■ 37.6430, 23.7232,
3.8117

■ 37.6430, 23.7232,
3.8117

■ 34.3882, 29.6185,
4.8148

■ 41.3191, 17.6872,
3.1655

■ 31.6246, 35.1046,
6.1906

■ 45.3481, 11.6813,
2.8326

■ 29.4231, 39.7938,
7.9102

■ 49.6754, 5.7872,
2.7667

■ 27.8339, 43.2585,
9.8736

■ 54.2555, 0.0379,
2.9234

■ 26.8514, 45.2283,
11.9007

■ 59.0521, -5.5620,
3.2642

■ 26.4962, 45.9433,
12.7196

■ 64.0361, -11.0223,
3.7577

■ 69.1840, -16.3588,
4.3783

■ 74.4771, -21.5889,
5.1055

■ 79.9001, -26.7296,
5.9231

Harmonies

Analogous

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



37.6439, 21.0952, -8.5144



37.6430, 23.7232, 3.8117



37.6439, 18.7811, 12.4956

Triad

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



37.6439, 23.7212, 3.8125



37.6439, -14.2268, 15.9436



37.6439, -11.3165, -23.5508

Complementary

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



37.6430, 23.7232, 3.8117



51.7435, -22.7424, 4.7947

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.



37.6439, -19.0847, -12.6512



37.6430, 23.7232, 3.8117



37.6439, -20.6123, 10.2291

Square

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



37.6439, 23.7212, 3.8125



37.6439, -3.8923, 17.9671



37.6439, -22.2738, 0.1960



37.6439, -0.0912, -26.8742

Rectangle

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



37.6430, 23.7232, 3.8117



37.6439, 12.1844, 15.8805



37.6439, -22.2738, 0.1960



37.6439, -14.3712, -20.5147

Sweetspot

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



37.6439, 23.7212, 3.8125



67.6591, 6.8822, 3.7393



37.2197, 26.2213, -25.3064



31.6095, 4.0304, 1.7718



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



37.6439, 23.7212, 3.8125



46.0848, 40.4234, 6.5949



40.8525, 13.7826, 13.2401



24.9949, 1.0411, 1.3524



23.9268, 41.5093, 11.3227



3.0143, 5.4004, 0.1004

Inverse Universe

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



37.6439, 23.7212, 3.8125



46.0848, 40.4234, 6.5949



47.2227, -12.5965, -9.5063



24.9949, 1.0411, 1.3524



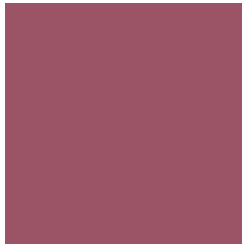
23.9268, 41.5093, 11.3227



3.0143, 5.4004, 0.1004

Previews

White Background



This preview shows how the HunterLab color 37.6430, 23.7232, 3.8117 looks on a white background.

Color Contrast Check

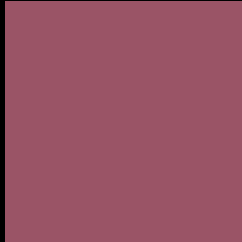
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6430, 23.7232, 3.8117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

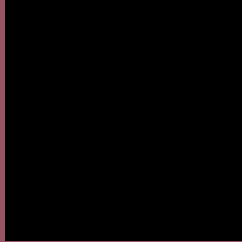
Any Text WCAG AA × Fail

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 37.6430, 23.7232, 3.8117 Background



This preview shows how black text looks on a background with the HunterLab color 37.6430, 23.7232, 3.8117.



This preview shows how white text looks on a background with the HunterLab color 37.6430, 23.7232,

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

37.6430, 23.7232, 3.8117

Protanopia

37.8435, -0.5942, -1.6329

Deuteranopia

37.7560, 2.3595, 4.7694



Tritanopia

37.6837, 21.1938, 7.6609

Trichromacy



Original Color

37.6430, 23.7232, 3.8117

Protanomaly

37.2641, 7.8735, -0.3715

Deuteranomaly

37.3227, 10.0237, 4.0207

Tritanomaly

37.5684, 22.1393, 6.0723

Monochromacy



Original Color

37.6430, 23.7232, 3.8117

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.7209, 6.5025, 2.3507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6430, 23.7232, 3.8117 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(154, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(154, 84, 102)  
}
```

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(154, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 84, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6430, 23.7232, 3.8117 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(154, 84, 102) }
```


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

```
.border{ border-color:rgb(154, 84, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 84, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(154, 84,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6430, 23.7232, 3.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 84, 102) }
```

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

```
.background{ background-color: rgb(154, 84,  
102) }
```

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