

Converting Colors

HunterLab(38.3524, 4.0759,
16.1998)

Have a look what the booklet for
HunterLab(38.3524, 4.0759,
16.1998) contains.

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Color

**HunterLab(38.2937, 4.0806,
16.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	856540
RGB	133, 101, 64
RGB Percent	52%, 40%, 25%
CMY	0.4784, 0.6039, 0.7490
CMYK	0.00, 0.24, 0.52, 0.48
HSL	32°, 35%, 39%
HSV	32°, 52%, 52%
XYZ	15.2520, 14.6641, 6.8771
YIQ	106.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

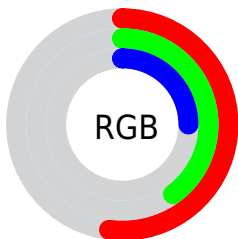
Format	Color
RYB	124, 133, 64
Decimal	8742208
CIELab	45.17, 8.04, 25.82
CIELCh	45, 27.041, 72.709
Yxy	14.6648, 0.4145, 0.3986
Android (android.graphics.Color)	4286932288 (0xFF856540)
YUV	106.3500, -20.8786, 23.3720
Hunter-Lab	38.2937, 4.0806, 16.1578

Details

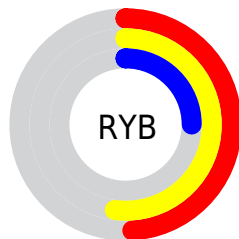
The HunterLab color **38.2937, 4.0806, 16.1578** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33.3897, -2.1355, -18.8658**, and the grayscale version is **38.1664, -2.0365, 2.0737**.

A 20% lighter version of the original color is **58.5813, 3.8000, 20.6494**, and **21.0670, 4.1316, 11.1911** is the 20% darker color. If you saturate the color by 10%, you get **36.5757, 5.9819, 17.6213**, and if you desaturate by 10%, it is **40.0970, 2.3867, 14.2848**.

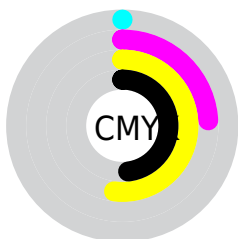
Distribution



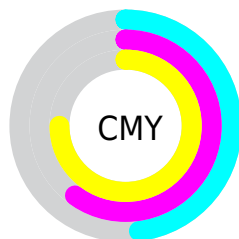
- Red (52%)
- Green (40%)
- Blue (25%)



- Red (49%)
- Yellow (52%)
- Blue (25%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2937, 4.0806, 16.1578 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 38.2937, 4.0806, 16.1578 by changing the saturation by 10% instead.

■ 38.2937, 4.0806,
16.1578

■ 38.2937, 4.0806,
16.1578

148.7710, 1.5096,
33.9052

■ 29.2993, 4.0696,
13.8149

■ 58.5355, 3.8760,
20.4792

■ 21.1451, 3.9690,
11.2851

■ 69.6791, 3.6811,
22.5165

■ 13.9300, 3.7560,
9.6500

■ 81.4519, 3.4321,
24.4970

■ 7.5666, 4.2245,
5.2966

■ 93.8218, 3.1335,
26.4337

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7614, 2.7891,
28.3361

0.0000, NaN, NaN

■ 120.2466, 2.4020,

0.0000, NaN, NaN

30.2118

0.0000, NaN, NaN

134.2561, 1.9747,
32.0666

■ 38.2937, 4.0806,
16.1578

■ 38.2937, 4.0806,
16.1578

■ 36.5757, 5.9819,
17.6213

■ 40.0970, 2.3867,
14.2848

■ 34.9462, 8.0962,
18.6495

■ 41.9773, 0.8995,
12.0294

■ 33.4116, 10.4152,
19.2271

■ 43.9300, -0.3914,
9.4221

■ 31.9769, 12.9219,
19.3543

■ 45.9500, -1.4966,
6.4923

■ 30.8779, 15.0261,
19.2899

■ 48.0325, -2.4277,
3.2678

■ 50.1732, -3.1966,
-0.2254

■ 52.3681, -3.8150,
-3.9636

■ 54.6137, -4.2943,
-7.9254

■ 56.9065, -4.6451,
-12.0916

Harmonies

Analogous

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



38.2946, 13.7775, 12.8689



38.2937, 4.0806, 16.1578



38.2946, -6.3443, 16.3811

Triad

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



38.2946, 4.0789, 16.1583



38.2946, -19.6589, -2.3390



38.2946, 12.4775, -14.6856

Complementary

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



38.2937, 4.0806, 16.1578



33.3897, -2.1355, -18.8658

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.



38.2946, 2.4520, -21.4906



38.2937, 4.0806, 16.1578



38.2946, -15.6544, -13.1856

Square

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



38.2946, 4.0789, 16.1583



38.2946, -19.3231, 7.3166



38.2946, -7.8074, -20.8782



38.2946, 18.9701, -4.0090

Rectangle

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



38.2937, 4.0806, 16.1578



38.2946, -12.2592, 14.8808



38.2946, -7.8074, -20.8782



38.2946, 9.3656, -17.6151

Sweetspot

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



38.2946, 4.0789, 16.1583



60.2676, -1.3691, 10.4975



30.8248, 24.9669, -1.9476



28.3861, -0.5288, 5.3008



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.



38.2946, 4.0789, 16.1583



48.6043, 8.4199, 23.8301



46.8471, -11.0102, 22.5352



22.5200, -0.8568, 2.7268



30.1629, 14.6058, 18.8419



2.1481, 0.1268, 1.3258

Inverse Universe

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



33.3897, -2.1355, -18.8658



40.7669, -1.1222, -32.6935



25.5522, 13.5041, -35.5075



22.0773, -1.4495, -0.3884



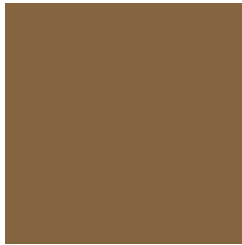
22.0840, 7.1388, -43.0137



1.7680, -0.3877, -1.3730

Previews

White Background



This preview shows how the HunterLab color 38.2937, 4.0806, 16.1578 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 38.2937, 4.0806, 16.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

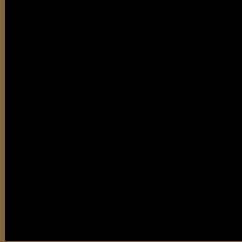
Any Text WCAG AA × Fail

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 38.2937, 4.0806, 16.1578 Background



This preview shows how black text looks on a background with the HunterLab color 38.2937, 4.0806, 16.1578.



This preview shows how white text looks on a background with the HunterLab color 38.2937, 4.0806,

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

38.2937, 4.0806, 16.1578

Protanopia

38.3284, -3.8440, 15.5774

Deuteranopia

38.2345, 2.5706, 16.0833



Tritanopia

38.2092, 11.7805, 3.4282

Trichromacy



Original Color

38.2937, 4.0806, 16.1578

Protanomaly

38.3350, -1.0873, 15.8681

Deuteranomaly

38.3382, 2.9186, 16.1737

Tritanomaly

38.2198, 8.6001, 9.0399

Monochromacy



Original Color

38.2937, 4.0806, 16.1578

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.9064, -0.2172, 7.8731

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2937, 4.0806, 16.1578 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, 101, 64)` looks like.

```
.text, #text, p{  
    color:rgb(133, 101, 64)  
}
```

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, 101, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 101, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2937, 4.0806, 16.1578 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, 101, 64) }
```


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

```
.border{ border-color:rgb(133, 101, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 101, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 101, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 101, 64);  
box-shadow:4px 4px 4px 4px rgb(133, 101,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2937, 4.0806, 16.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 101, 64) }
```

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

```
.background{ background-color: rgb(133,  
101, 64) }
```

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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