

Converting Colors

HunterLab(46.4598, -1.1810,
9.2171)

Have a look what the booklet for
HunterLab(46.4598, -1.1810, 9.2171)
contains.

HunterLab(46.3625, -0.7956, 8.9509)	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(46.3625, -0.7956,
8.9509)

Conversions

Conversions Part 1

Format	Color
Hex	8A7E70
RGB	138, 126, 112
RGB Percent	54%, 49%, 44%
CMY	0.4588, 0.5059, 0.5608
CMYK	0.00, 0.09, 0.19, 0.46
HSL	32°, 10%, 49%
HSV	32°, 19%, 54%
XYZ	20.8667, 21.4948, 18.3783
YIQ	127.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

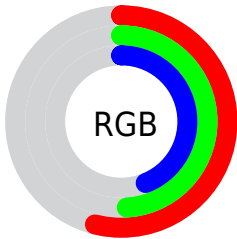
Format	Color
R_{YB}	134, 138, 112
Decimal	9076336
CIE _{Lab}	53.49, 2.12, 9.28
CIE _{LCh}	53, 9.515, 77.147
Yxy	21.4958, 0.3435, 0.3539
Android (android.graphics.Color)	4287266416 (0xFF8A7E70)
YUV	127.9920, -7.8841, 8.7770
Hunter-Lab	46.3625, -0.7956, 8.9509

Details

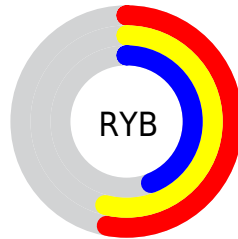
The HunterLab color $46.3625, -0.7956, 8.9509$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.3786, -3.3438, -4.8368$, and the grayscale version is $46.4852, -2.4803, 2.5256$.

A 20% lighter version of the original color is $67.9169, -1.7435, 11.1588$, and $27.8435, 0.0204, 6.8288$ is the 20% darker color. If you saturate the color by 10%, you get $44.3108, 0.4782, 11.7843$, and if you desaturate by 10%, it is $48.4850, -1.8810, 5.7881$.

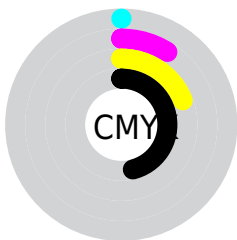
Distribution



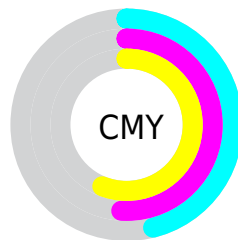
- Red (54%)
- Green (49%)
- Blue (44%)



- Red (53%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3625, -0.7956, 8.9509 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 46.3625, -0.7956, 8.9509 by changing the saturation by 10% instead.

■ 46.3625, -0.7956,
8.9509

■ 46.3625, -0.7956,
8.9509

161.2147, -6.0766,
18.9566

■ 36.7245, -0.4058,
7.8674

■ 67.7578, -1.7163,
11.1130

■ 27.8651, -0.0671,
6.7691

■ 79.4270, -2.2371,
12.2004

■ 19.8613, 0.2119,
5.6404

■ 91.6985, -2.7952,
13.2964

■ 12.8168, 0.4199,
4.4505

■ 104.5439, -3.3882,
14.4029

■ 6.2139, 1.1523,
4.3498

117.9388, -4.0143,
15.5213

0.0000, NaN, NaN

0.0000, NaN, NaN

131.8614, -4.6720,

16.6526

0.0000, NaN, NaN

146.2925, -5.3598,
17.7976

0.0000, NaN, NaN

■ 46.3625, -0.7956,
8.9509

■ 46.3625, -0.7956,
8.9509

■ 44.3108, 0.4782,
11.7843

■ 48.4850, -1.8810,
5.7881

■ 42.3318, 1.9561,
14.2557

■ 50.6703, -2.7862,
2.3225

■ 40.4323, 3.6465,
16.3347

■ 52.9150, -3.5249,
-1.4185

■ 38.6181, 5.5565,
17.9905

■ 55.2151, -4.1094,
-5.4107

■ 36.8951, 7.6885,
19.1963

■ 57.5669, -4.5513,
-9.6324

■ 35.2692, 10.0380,
19.9324

■ 59.9672, -4.8616,
-14.0639

■ 33.7458, 12.5908,
20.1938

■ 62.4128, -5.0505,
-18.6878

■ 32.3223, 15.2855,
20.1001

■ 64.9011, -5.1274,
-23.4884

■ 32.1622, 15.5978,
20.0913

■ 67.4296, -5.1009,
-28.4519

Harmonies

Analogous

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



46.3635, 2.7329, 7.4530



46.3625, -0.7956, 8.9509



46.3635, -4.6658, 8.8337

Triad

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



46.3635, -0.7970, 8.9516



46.3635, -9.4241, 0.3717



46.3635, 3.1481, -2.5929

Complementary

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



46.3625, -0.7956, 8.9509



44.3786, -3.3438, -4.8368

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.



46.3635, -0.2455, -4.8205



46.3625, -0.7956, 8.9509



46.3635, -7.4653, -3.0143

Square

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



46.3635, -0.7970, 8.9516



46.3635, -9.5607, 4.0821



46.3635, -4.1321, -4.9808



46.3635, 5.0607, 0.9092

Rectangle

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



46.3625, -0.7956, 8.9509



46.3635, -6.9167, 7.8555



46.3635, -4.1321, -4.9808



46.3635, 2.1378, -3.5277

Sweetspot

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



46.3635, -0.7970, 8.9516



65.1500, -2.8460, 6.4749



42.9540, 7.6190, 0.2192



30.7818, -1.3159, 3.1808



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.3635, -0.7970, 8.9516



60.2753, -0.3032, 13.6910



49.6756, -6.6156, 12.1976



23.3784, -0.8933, 2.8446



30.8438, 14.8305, 19.2654



3.0420, 0.1719, 1.8775

Inverse Universe

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



44.3786, -3.3438, -4.8368



57.0072, -4.4818, -9.0312



41.1406, 2.5216, -9.2577



22.9079, -1.4995, -0.4195



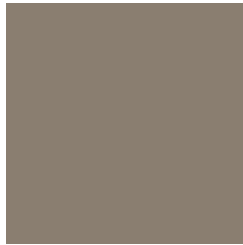
22.4494, 7.5042, -44.2591



2.4952, -0.5406, -1.9518

Previews

White Background



This preview shows how the HunterLab color 46.3625, -0.7956, 8.9509 looks on a white 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

Black Background



This preview shows how the HunterLab color 46.3625, -0.7956, 8.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

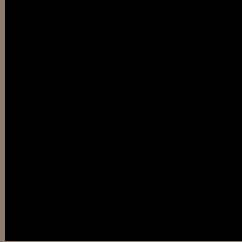
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.3625, -0.7956, 8.9509 Background



This preview shows how black text looks on a background with the HunterLab color 46.3625, -0.7956, 8.9509.



This preview shows how white text looks on a background with the HunterLab color 46.3625, -0.7956,

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

46.3625, -0.7956, 8.9509

Protanopia

46.3026, -2.3802, 8.4850

Deuteranopia

46.3348, 3.3495, 8.6190



Tritanopia

46.3919, 4.6211, 0.3076

Trichromacy



Original Color

46.3625, -0.7956, 8.9509

Protanomaly

46.3917, -2.0709, 8.5837

Deuteranomaly

46.3111, 1.8860, 8.5686

Tritanomaly

46.3373, 2.5969, 3.7727

Monochromacy



Original Color

46.3625, -0.7956, 8.9509

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.3567, -1.7332, 4.9851

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3625, -0.7956, 8.9509 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(138, 126, 112)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 112)  
}
```

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(138, 126, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3625, -0.7956, 8.9509 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(138, 126, 112) }
```


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

```
.border{ border-color:rgb(138, 126, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 126, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 112);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3625, -0.7956, 8.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 112) }
```

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

```
.background{ background-color: rgb(138,  
126, 112) }
```

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