

Converting Colors

HunterLab(44.3114, -2.1433,
6.6777)

Have a look what the booklet for
HunterLab(44.3114, -2.1433, 6.6777)
contains.

HunterLab(44.3600, -2.0362, 6.8103)	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(44.3600, -2.0362,
6.8103)

Conversions

Conversions Part 1

Format	Color
Hex	807A70
RGB	128, 122, 112
RGB Percent	50%, 48%, 44%
CMY	0.4980, 0.5216, 0.5608
CMYK	0.00, 0.05, 0.12, 0.50
HSL	38°, 7%, 47%
HSV	38°, 12%, 50%
XYZ	18.7862, 19.6781, 18.1373
YIQ	122.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

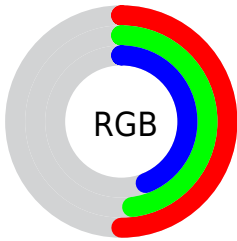
Format	Color
R_{YB}	122, 128, 112
Decimal	8419952
CIE Lab	51.47, 0.43, 6.29
CIE LCh	51, 6.301, 86.115
Yxy	19.6790, 0.3319, 0.3477
Android (android.graphics.Color)	4286610032 (0xFF807A70)
YUV	122.6540, -5.2524, 4.6884
Hunter-Lab	44.3600, -2.0362, 6.8103

Details

The HunterLab color $44.3600, -2.0362, 6.8103$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.3789, -2.3202, -2.4985$, and the grayscale version is $44.3889, -2.3685, 2.4117$.

A 20% lighter version of the original color is $65.4035, -2.8507, 8.4125$, and $26.0720, -0.9025, 5.0193$ is the 20% darker color. If you saturate the color by 10%, you get $42.7369, -1.4917, 9.8617$, and if you desaturate by 10%, it is $46.0350, -2.4113, 3.4216$.

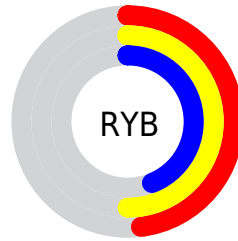
Distribution



Red (50%)

Green (48%)

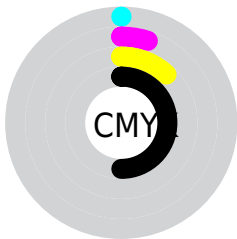
Blue (44%)



Red (48%)

Yellow (50%)

Blue (44%)

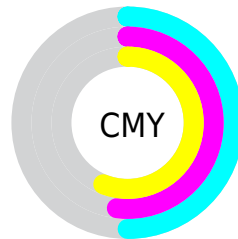


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.3600, -2.0362, 6.8103 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 44.3600, -2.0362, 6.8103 by changing the saturation by 10% instead.

■ 44.3600, -2.0362,
6.8103

■ 44.3600, -2.0362,
6.8103

158.1682, -7.9412,
15.5391

■ 34.8739, -1.5562,
5.9170

■ 65.4815, -3.1196,
8.6332

■ 26.1802, -1.1197,
5.0279

■ 77.0255, -3.7152,
9.5667

■ 18.3602, -0.7330,
4.1335

■ 89.1780, -4.3444,
10.5170

■ 11.5254, -0.4033,
3.2148

■ 101.9098, -5.0054,
11.4849

■ 4.0372, 0.2452,
2.8260

115.1958, -5.6968,
12.4709

0.0000, NaN, NaN

0.0000, NaN, NaN

129.0137, -6.4173,

13.4752

0.0000, NaN, NaN

143.3437, -7.1658,
14.4980

0.0000, NaN, NaN

■ 44.3600, -2.0362,
6.8103

■ 44.3600, -2.0362,
6.8103

■ 42.7369, -1.4917,
9.8617

■ 46.0350, -2.4113,
3.4216

■ 41.1656, -0.7653,
12.5500

■ 47.7563, -2.6228,
-0.2828

■ 39.6500, 0.1498,
14.8523

■ 49.5222, -2.6815,
-4.2800

■ 38.1930, 1.2599,
16.7465

■ 51.3303, -2.5968,
-8.5486

■ 36.7975, 2.5688,
18.2138

■ 53.1783, -2.3778,
-13.0689

■ 35.4661, 4.0769,
19.2410

■ 55.0641, -2.0333,
-17.8225

■ 34.2009, 5.7795,
19.8243

■ 56.9857, -1.5717,
-22.7926

■ 33.0032, 7.6647,
19.9753

■ 58.9411, -1.0007,
-27.9637

■ 32.1399, 9.1373,
19.9644

■ 60.9288, -0.3275,
-33.3219

Harmonies

Analogous

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



44.3610, 0.3910, 6.1066



44.3600, -2.0362, 6.8103



44.3610, -4.5021, 6.3931

Triad

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



44.3610, -2.0374, 6.8110



44.3610, -6.6768, 0.3172



44.3610, 1.7650, -0.2588

Complementary

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



44.3600, -2.0362, 6.8103



42.3789, -2.3202, -2.4985

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.



44.3610, -0.1956, -1.9701



44.3600, -2.0362, 6.8103



44.3610, -5.0638, -1.6246

Square

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



44.3610, -2.0374, 6.8110



44.3610, -7.1451, 2.7288



44.3610, -2.7003, -2.4833



44.3610, 2.6173, 2.0982

Rectangle

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



44.3600, -2.0362, 6.8103



44.3610, -5.8402, 5.5209



44.3610, -2.7003, -2.4833



44.3610, 1.2115, -0.9337

Sweetspot

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



44.3610, -2.0374, 6.8110



60.7255, -3.1353, 5.2851



41.8198, 3.5357, 1.4722



29.3112, -1.5033, 2.7059



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



44.3610, -2.0374, 6.8110



58.2422, -2.5211, 10.2364



45.8848, -5.3430, 8.3724



21.8103, -1.0601, 2.7642



32.0082, 9.0903, 19.8825

0.0000, NaN, NaN

Inverse Universe

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



42.3789, -2.3202, -2.4985



55.0233, -2.9755, -4.8915



40.8847, 0.9821, -4.4056



21.1077, -1.1613, -0.5340



19.0847, 12.5429, -50.9306

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 44.3600, -2.0362, 6.8103 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 44.3600, -2.0362, 6.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

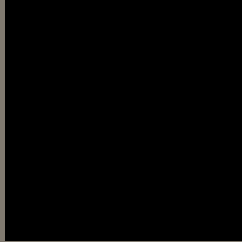
Any Text WCAG AA ✓ Pass

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 44.3600, -2.0362, 6.8103 Background



This preview shows how black text looks on a background with the HunterLab color 44.3600, -2.0362, 6.8103.



This preview shows how white text looks on a background with the HunterLab color 44.3600, -2.0362, 6.8103.

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

44.3600, -2.0362, 6.8103

Protanopia

44.2730, -2.3387, 6.7111

Deuteranopia

44.2181, 3.1135, 6.3536



Tritanopia

44.4564, 2.0422, -0.2691

Trichromacy



Original Color

44.3600, -2.0362, 6.8103

Protanomaly

44.2730, -2.3387, 6.7111

Deuteranomaly

44.1070, 1.3606, 6.2017

Tritanomaly

44.4656, 0.3273, 2.4190

Monochromacy



Original Color

44.3600, -2.0362, 6.8103

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.5621, -2.3964, 4.1960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.3600, -2.0362, 6.8103 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(128, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 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(128, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 44.3600, -2.0362, 6.8103 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(128, 122, 112) }
```


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

```
.border{ border-color:rgb(128, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.3600, -2.0362, 6.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 112) }
```

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

```
.background{ background-color: rgb(128,  
122, 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