

Converting Colors

HunterLab(47.1982, -2.9194,
-2.8839)

Have a look what the booklet for
HunterLab(47.1982, -2.9194,
-2.8839) contains.

HunterLab(47.3250, -2.9806, -2.9521)	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(47.3250, -2.9806,
-2.9521)

Conversions

Conversions Part 1

Format	Color
Hex	7B838E
RGB	123, 131, 142
RGB Percent	48%, 51%, 56%
CMY	0.5176, 0.4863, 0.4431
CMYK	0.13, 0.08, 0.00, 0.44
HSL	215°, 8%, 52%
HSV	215°, 13%, 56%
XYZ	21.1672, 22.3966, 28.7986
YIQ	129.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

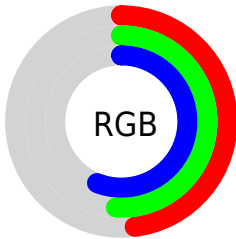
Format	Color
R_{YB}	123, 129, 142
Decimal	8094606
CIE _{Lab}	54.45, -0.57, -6.92
CIE _{LCh}	54, 6.946, 265.268
Yxy	22.3975, 0.2925, 0.3095
Android (android.graphics.Color)	4286284686 (0xFF7B838E)
YUV	129.8620, 5.9840, -6.0180
Hunter-Lab	47.3250, -2.9806, -2.9521

Details

The HunterLab color $47.3250, -2.9806, -2.9521$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.2250, -1.8135, 7.7295$, and the grayscale version is $47.1731, -2.5170, 2.5630$.

A 20% lighter version of the original color is $68.9178, -4.0314, -2.5326$, and $28.7457, -2.0369, -3.2067$ is the 20% darker color. If you saturate the color by 10%, you get $43.9361, -2.8619, -7.5116$, and if you desaturate by 10%, it is $50.8117, -2.8629, 1.3980$.

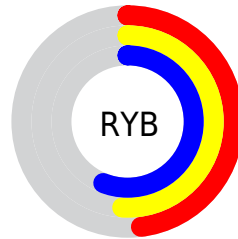
Distribution



Red (48%)

Green (51%)

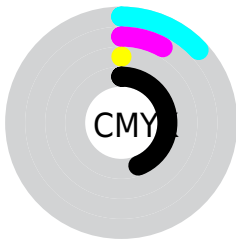
Blue (56%)



Red (48%)

Yellow (51%)

Blue (56%)

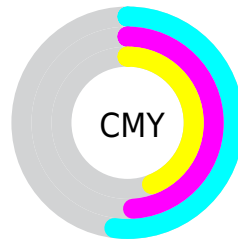


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3250, -2.9806, -2.9521 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 47.3250, -2.9806, -2.9521 by changing the saturation by 10% instead.

■ 47.3250, -2.9806,
-2.9521

■ 47.3250, -2.9806,
-2.9521

162.6699, -9.3739,
0.7718

■ 37.6155, -2.4293,
-3.1200

■ 68.8492, -4.1917,
-2.4383

■ 28.6785, -1.9154,
-3.2208

■ 80.5774, -4.8459,
-2.1045

■ 20.5888, -1.4430,
-3.2436

■ 92.9051, -5.5307,
-1.7246

■ 13.4466, -1.0158,
-3.1752

105.8042, -6.2449,
-1.3018

■ 7.0159, -0.7307,
-3.7172

119.2505, -6.9873,
-0.8386

0.0000, NaN, NaN

0.0000, NaN, NaN

133.2227, -7.7569,

-0.3373

0.0000, NaN, NaN

147.7015, -8.5527,
0.2001

0.0000, NaN, NaN

■ 47.3250, -2.9806,
-2.9521

■ 47.3250, -2.9806,
-2.9521

■ 43.9361, -2.8619,
-7.5116

■ 50.8117, -2.8629,
1.3980

■ 40.6531, -2.4637,
-12.3165

■ 54.3840, -2.5399,
5.5664

■ 37.4901, -1.7386,
-17.4019

■ 58.0351, -2.0405,
9.5803

■ 34.4628, -0.6309,
-22.8031

■ 61.7586, -1.3879,
13.4624

■ 31.5901, 0.9224,
-28.5499

■ 65.5487, -0.6014,
17.2323

■ 28.8937, 2.9862,
-34.6577

■ 69.4008, 0.3029,
20.9065

■ 26.3984, 5.6184,
-41.1129

■ 73.3105, 1.3115,
24.4993

■ 24.1298, 8.8497,
-47.8581

■ 77.2743, 2.4130,
28.0227

■ 22.7249, 11.1947,
-52.5703

■ 81.2889, 3.5978,
31.4870

Harmonies

Analogous

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



47.3260, -5.6265, -1.9374



47.3250, -2.9806, -2.9521



47.3260, -0.1526, -2.4136

Triad

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



47.3260, -2.9815, -2.9513



47.3260, 2.5592, 4.7594



47.3260, -6.9716, 5.4663

Complementary

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



47.3250, -2.9806, -2.9521



49.2250, -1.8135, 7.7295

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.



47.3260, -4.8569, 7.0755



47.3250, -2.9806, -2.9521



47.3260, 0.6529, 6.6846

Square

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



47.3260, -2.9815, -2.9513



47.3260, 3.0900, 2.1416



47.3260, -2.0723, 7.5080



47.3260, -7.8950, 3.0065

Rectangle

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



47.3250, -2.9806, -2.9521



47.3260, 1.4508, -1.2636



47.3260, -2.0723, 7.5080



47.3260, -6.3790, 6.1188

Sweetspot

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



47.3260, -2.9815, -2.9513



67.1447, -3.8222, 1.4586



50.2714, -9.4022, 4.3120



31.5819, -1.8151, 0.5063



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.3260, -2.9815, -2.9513



61.5024, -3.9474, -5.6761



45.1933, 1.1564, -5.7060



23.6748, -1.4360, -0.5350



21.6141, 10.4285, -49.5278



2.9446, -0.4924, -2.6175

Inverse Universe

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



46.4283, 4.6225, 1.2673



60.0844, 8.3431, 1.2870



51.3964, -5.9393, 9.9488



23.3654, 1.1066, 0.8355



23.3622, 41.2695, 5.3215



2.3754, 4.3652, -0.7691

Previews

White Background



This preview shows how the HunterLab color 47.3250, -2.9806, -2.9521 looks on a white background.

Color Contrast Check

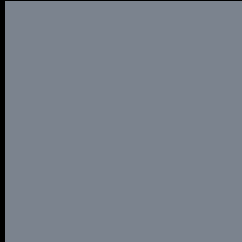
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3250, -2.9806, -2.9521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

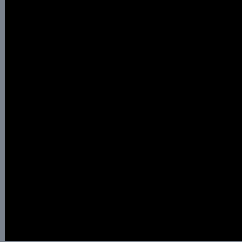
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

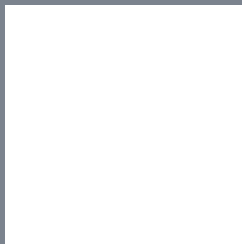
Any Text WCAG AAA × Fail

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

HunterLab 47.3250, -2.9806, -2.9521 Background



This preview shows how black text looks on a background with the HunterLab color 47.3250, -2.9806, -2.9521.



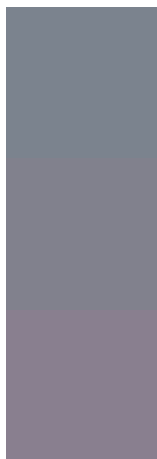
This preview shows how white text looks on a background with the HunterLab color 47.3250, -2.9806, -2.9521.

-2.9521.

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

47.3250, -2.9806, -2.9521

Protanopia

47.2131, -0.5384, -2.5622

Deuteranopia

47.4134, 3.1034, -3.2258



Tritanopia

47.2934, -3.1541, -2.5047

Trichromacy



Original Color

47.3250, -2.9806, -2.9521

Protanomaly

47.3290, -1.5780, -2.4313

Deuteranomaly

47.2515, 1.1467, -3.4711

Tritanomaly

47.2934, -3.1541, -2.5047

Monochromacy



Original Color

47.3250, -2.9806, -2.9521

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1153, -2.7473, 0.6018

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3250, -2.9806, -2.9521 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(123, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 142)  
}
```

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(123, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3250, -2.9806, -2.9521 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(123, 131, 142) }
```


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

```
.border{ border-color:rgb(123, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3250, -2.9806, -2.9521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 142) }
```

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

```
.background{ background-color: rgb(123,  
131, 142) }
```

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