

Converting Colors

HunterLab(63.1708, 8.9387,
-12.6380)

Have a look what the booklet for
HunterLab(63.1708, 8.9387,
-12.6380) contains.

HunterLab(63.3362, 8.8326, -12.5461)	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(63.3362, 8.8326,
-12.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A3C9
RGB	180, 163, 201
RGB Percent	71%, 64%, 79%
CMY	0.2941, 0.3608, 0.2118
CMYK	0.10, 0.19, 0.00, 0.21
HSL	267°, 26%, 71%
HSV	267°, 19%, 79%
XYZ	42.4622, 40.1147, 60.7633
YIQ	172.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

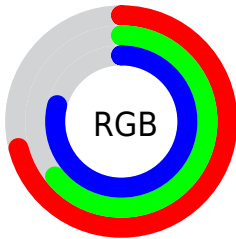
Format	Color
R_{YB}	180, 163, 201
Decimal	11838409
CIE _{Lab}	69.55, 13.47, -17.16
CIE _{LCh}	70, 21.815, 308.142
Yxy	40.1164, 0.2962, 0.2799
Android (android.graphics.Color)	4290028489 (0xFFB4A3C9)
YUV	172.4150, 14.0924, 6.6520
Hunter-Lab	63.3362, 8.8326, -12.5461

Details

The HunterLab color $63.3362, 8.8326, -12.5461$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73.8979, -15.1504, 17.4680$, and the grayscale version is $64.3468, -3.4334, 3.4961$.

A 20% lighter version of the original color is $86.7154, 8.2178, -11.1087$, and $42.4117, 8.7058, -12.3028$ is the 20% darker color. If you saturate the color by 10%, you get $56.7947, 15.9224, -22.4114$, and if you desaturate by 10%, it is $70.1553, 1.9302, -3.4375$.

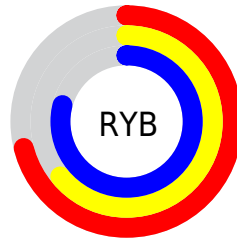
Distribution



Red (71%)

Green (64%)

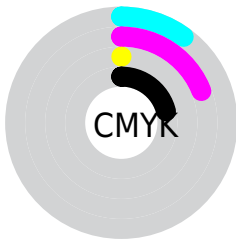
Blue (79%)



Red (71%)

Yellow (64%)

Blue (79%)

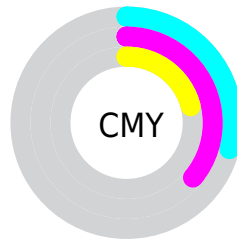


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3362, 8.8326, -12.5461 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 63.3362, 8.8326, -12.5461 by changing the saturation by 10% instead.

63.3362, 8.8326,
-12.5461

63.3362, 8.8326,
-12.5461

186.1757, 7.2309,
-11.4856

52.5636, 8.7256,
-12.3911

86.7991, 8.8383,
-12.6651

42.4811, 8.5408,
-12.1694

99.4217, 8.7522,
-12.6397

33.1411, 8.2653,
-11.8763

112.6031, 8.6128,
-12.5620

24.6082, 7.8836,
-11.5122

126.3205, 8.4238,
-12.4351

16.9674, 7.3739,
-11.0892

140.5536, 8.1885,
-12.2617

10.3386, 6.7045,
-10.6662

155.2845, 7.9097,

0.0000, INF, -NF

-12.0442

0.0000, NaN, NaN

170.4968, 7.5898,
-11.7849

0.0000, NaN, NaN

■ 63.3362, 8.8326,
-12.5461

■ 63.3362, 8.8326,
-12.5461

■ 56.7947, 15.9224,
-22.4114

■ 70.1553, 1.9302,
-3.4375

■ 50.5783, 23.2204,
-33.2042

■ 77.2092, -4.8098,
5.0576

■ 44.7570, 30.7055,
-45.0854

■ 84.4691, -11.4196,
13.0626

■ 39.4224, 38.2720,
-58.1458

■ 91.9117, -17.9274,
20.6755

■ 34.6940, 45.6403,
-72.2570

■ 96.6913, -20.1504,
25.3438

■ 30.7178, 52.2381,
-86.8156

■ 97.6976, -16.5140,
26.3765

■ 27.6433, 57.1517,
-100.4864

■ 98.4871, -13.6882,
27.1813

■ 25.4870, 59.7105,
-111.7977

■ 25.2716, 59.9650,
-113.0215

Harmonies

Analogous

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



63.3375, -0.6593, -17.2691



63.3362, 8.8326, -12.5461



63.3375, 15.3069, -3.6856

Triad

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



63.3375, 8.8312, -12.5448



63.3375, 3.8751, 18.0799



63.3375, -21.1779, 0.8241

Complementary

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



63.3362, 8.8326, -12.5461



73.8979, -15.1504, 17.4680

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.



63.3375, -20.1290, 9.8370



63.3362, 8.8326, -12.5461



63.3375, -6.0613, 18.9057

Square

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



63.3375, 8.8312, -12.5448



63.3375, 12.3251, 13.6600



63.3375, -14.7364, 16.1207



63.3375, -17.6951, -8.8116

Rectangle

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



63.3362, 8.8326, -12.5461



63.3375, 16.8276, 2.8565



63.3375, -14.7364, 16.1207



63.3375, -21.3393, 4.0331

Sweetspot

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



63.3375, 8.8312, -12.5448



94.3690, 0.0193, -1.2899



68.1968, -7.0573, -6.1429



43.3788, 0.2806, -0.9428

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3375, 8.8312, -12.5448



79.0445, 15.6223, -21.9834



65.1785, 14.7982, -9.8449



32.4281, 1.0458, -1.7890



20.1699, 47.6870, -88.8689



4.8523, 10.8970, -16.9213

Inverse Universe

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



64.8647, 12.6266, -1.2614



81.5732, 21.7327, -3.1078



72.4399, -20.4996, 15.9163



32.7619, 1.9184, 0.6279



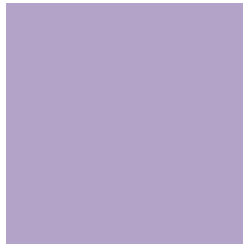
29.2389, 52.6085, -0.7643



6.4749, 11.8537, -1.7481

Previews

White Background



This preview shows how the HunterLab color 63.3362, 8.8326, -12.5461 looks on a white background.

Color Contrast Check

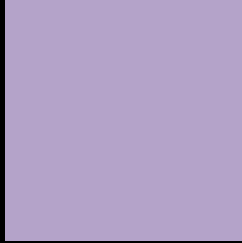
Large Text (above 18pt) WCAG AA × Fail

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 63.3362, 8.8326, -12.5461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

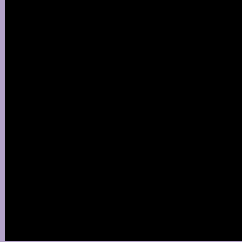
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 63.3362, 8.8326, -12.5461 Background



This preview shows how black text looks on a background with the HunterLab color 63.3362, 8.8326, -12.5461.



This preview shows how white text looks on a background with the HunterLab color 63.3362, 8.8326, -12.5461.

-12.5461.

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

63.3362, 8.8326, -12.5461

Protanopia

63.3202, 1.7312, -15.0336

Deuteranopia

63.4139, 4.6447, -11.9334



Tritanopia

63.4664, 1.9642, -1.1965

Trichromacy



Original Color

63.3362, 8.8326, -12.5461

Protanomaly

63.2986, 4.5572, -14.4250

Deuteranomaly

63.3990, 6.0630, -11.9297

Tritanomaly

63.5360, 4.2049, -5.1732

Monochromacy



Original Color

63.3362, 8.8326, -12.5461

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

63.9600, 0.8589, -2.1019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3362, 8.8326, -12.5461 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(180, 163, 201)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 201)  
}
```

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(180, 163, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3362, 8.8326, -12.5461 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(180, 163, 201) }
```


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

```
.border{ border-color:rgb(180, 163, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 163, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 163, 201); box-shadow:4px 4px 4px 4px rgb(180, 163, 201) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3362, 8.8326, -12.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 201) }
```

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

```
.background{ background-color: rgb(180,  
163, 201) }
```

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