

# Converting Colors

HunterLab(53.2733, 12.2586,  
17.8657)

Have a look what the booklet for  
HunterLab(53.2733, 12.2586,  
17.8657) contains.

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# Color

**HunterLab(53.2733, 12.2586,  
17.8657)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB856A
RGB	187, 133, 106
RGB Percent	73%, 52%, 42%
CMY	0.2667, 0.4784, 0.5843
CMYK	0.00, 0.29, 0.43, 0.27
HSL	20°, 37%, 57%
HSV	20°, 43%, 73%
XYZ	31.4825, 28.3804, 17.4543
YIQ	146.0680, 40.8510, 3.0510

# Conversions

## Conversions Part 2

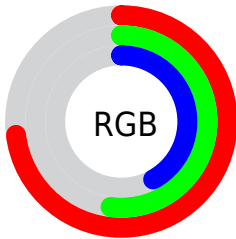
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 147, 106
Decimal	12289386
CIE <sub>Lab</sub>	60.23, 17.37, 22.79
CIE <sub>LCh</sub>	60, 28.651, 52.690
Yxy	28.3818, 0.4072, 0.3671
Android (android.graphics.Color)	4290479466 (0xFFBB856A)
YUV	146.0680, -19.7535, 35.8974
Hunter-Lab	53.2733, 12.2586, 17.8657

# Details

The HunterLab color **53.2733, 12.2586, 17.8657** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **56.3847, -11.6665, -14.8963**, and the grayscale version is **53.7072, -2.8657, 2.9180**.

A 20% lighter version of the original color is **75.4749, 12.8970, 21.6751**, and **33.7602, 11.6249, 13.9763** is the 20% darker color. If you saturate the color by 10%, you get **49.8205, 16.7443, 20.1847**, and if you desaturate by 10%, it is **56.9498, 8.0764, 15.1383**.

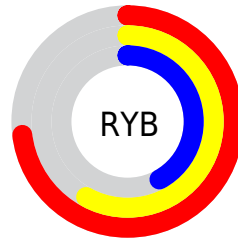
# Distribution



Red (73%)

Green (52%)

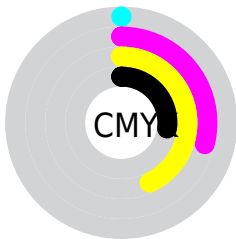
Blue (42%)



Red (73%)

Yellow (58%)

Blue (42%)

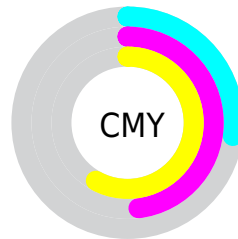


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (48%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2733, 12.2586, 17.8657 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 53.2733, 12.2586, 17.8657 by changing the saturation by 10% instead.





 53.2733, 12.2586,  
17.8657


 53.2733, 12.2586,  
17.8657


171.5479, 12.5167,  
33.7094


 43.1436, 11.8826,  
15.9166


 75.5602, 12.7492,  
21.5778


 33.7512, 11.4085,  
13.8729


 87.6389, 12.8862,  
23.3695

 25.1611, 10.8173,  
11.6975


 100.3003, 12.9590,  
25.1321

 17.4564, 10.0868,  
9.3475

 113.5188, 12.9729,  
26.8727

 10.7538, 9.1895,  
7.5277

127.2718, 12.9322,  
28.5968

 1.6031, 47.1195,  
1.1221

141.5394, 12.8405,

0.0000, NaN, NaN

30.3087

0.0000, NaN, NaN

156.3034, 12.7011,  
32.0120

0.0000, NaN, NaN

■ 53.2733, 12.2586,  
17.8657

■ 53.2733, 12.2586,  
17.8657

■ 49.8205, 16.7443,  
20.1847

■ 56.9498, 8.0764,  
15.1383

■ 46.6156, 21.5260,  
22.0224

■ 60.8211, 4.1999,  
12.0632

■ 43.6905, 26.5559,  
23.3069

■ 64.8671, 0.6106,  
8.6949

■ 41.0768, 31.7456,  
23.9759

■ 69.0690, -2.7137,  
5.0776

■ 38.8046, 36.9511,  
24.0018

■ 73.4107, -5.7973,  
1.2476

■ 37.4799, 40.3045,  
23.8006

■ 77.8788, -8.6644,  
-2.7657

■ 82.4614, -11.3379,  
-6.9387

■ 87.1264, -13.9632,  
-10.9387

■ 91.2186, -20.1975,  
-5.6380

# Harmonies

## Analogous

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



53.2746, 20.7700, 10.8667



53.2733, 12.2586, 17.8657



53.2746, 0.1963, 20.7326

# Triad

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



53.2746, 12.2562, 17.8665



53.2746, -24.3270, 5.6829



53.2746, 6.5851, -22.3038

# Complementary

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



53.2733, 12.2586, 17.8657



56.3847, -11.6665, -14.8963

# 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.



53.2746, -5.8205, -24.5798



53.2733, 12.2586, 17.8657



53.2746, -22.9512, -6.5261

# Square

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



53.2746, 12.2562, 17.8665



53.2746, -20.3767, 14.8105



53.2746, -16.4323, -18.2699



53.2746, 17.2941, -12.6133



# Rectangle

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



53.2733, 12.2586, 17.8657



53.2746, -7.9405, 20.5064



53.2746, -16.4323, -18.2699



53.2746, 2.4486, -24.0391

# Sweetspot

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



53.2746, 12.2562, 17.8665



86.8683, 0.7688, 11.5872



48.3851, 33.3525, -10.3549



40.1914, 0.8463, 5.9223



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



53.2746, 12.2562, 17.8665



66.8859, 22.1147, 26.8795



64.5637, -7.5550, 27.1294



31.6893, -0.3501, 3.4740



31.3033, 32.9208, 19.8653



7.1175, 4.1925, 4.4592



# Inverse Universe

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



56.3847, -11.6665, -14.8963



71.8221, -16.2919, -25.5381



44.6825, 7.9753, -34.7103



32.0296, -2.9229, -0.0700



35.5741, -5.6967, -32.1671



7.8187, -2.2832, -4.8440



# Previews

## White Background



This preview shows how the HunterLab color 53.2733, 12.2586, 17.8657 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 53.2733, 12.2586, 17.8657 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

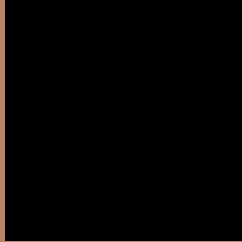
Any Text WCAG AA ✓ Pass

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 53.2733, 12.2586, 17.8657 Background



This preview shows how black text looks on a background with the HunterLab color 53.2733, 12.2586, 17.8657.



This preview shows how white text looks on a background with the HunterLab color 53.2733, 12.2586, 17.8657.



# 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

53.2733, 12.2586, 17.8657

### Protanopia

53.2607, -4.3523, 16.0014

### Deuteranopia

53.2629, 4.0312, 18.0140



## Tritanopia

53.3691, 19.2274, 6.5101

# Trichromacy



## Original Color

53.2733, 12.2586, 17.8657

## Protanomaly

53.2629, 1.3688, 16.7392

## Deuteranomaly

53.2693, 6.8215, 18.0686

## Tritanomaly

53.1888, 16.7767, 11.0655

# Monochromacy



## Original Color

53.2733, 12.2586, 17.8657

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.1653, 2.0422, 8.8496

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.2733, 12.2586, 17.8657 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(187, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(187, 133, 106)  
}
```

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(187, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 133, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.2733, 12.2586, 17.8657 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(187, 133, 106) }
```



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

```
.border{ border-color:rgb(187, 133, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 133, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(187, 133,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.2733, 12.2586, 17.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 133, 106) }
```

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

```
.background{ background-color: rgb(187,  
133, 106) }
```

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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