

Converting Colors

HunterLab(51.7489, 16.3769,
18.6256)

Have a look what the booklet for
HunterLab(51.7489, 16.3769,
18.6256) contains.

HunterLab(51.7395, 16.2265, 18.6386)	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(51.7395, 16.2265,
18.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7E63
RGB	190, 126, 99
RGB Percent	75%, 49%, 39%
CMY	0.2549, 0.5059, 0.6118
CMYK	0.00, 0.34, 0.48, 0.25
HSL	18°, 41%, 57%
HSV	18°, 48%, 75%
XYZ	30.9482, 26.7698, 15.3404
YIQ	142.0580, 46.8110, 5.1710

Conversions

Conversions Part 2

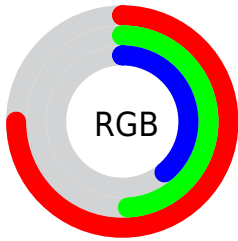
Format	Color
R_{YB}	190, 137, 99
Decimal	12484195
CIE _{Lab}	58.76, 21.74, 24.83
CIE _{LCh}	59, 32.999, 48.802
Yxy	26.7711, 0.4236, 0.3664
Android (android.graphics.Color)	4290674275 (0xFFBE7E63)
YUV	142.0580, -21.2276, 42.0451
Hunter-Lab	51.7395, 16.2265, 18.6386

Details

The HunterLab color **51.7395, 16.2265, 18.6386** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **57.0643, -13.7271, -15.6927**, and the grayscale version is **52.1027, -2.7801, 2.8308**.

A 20% lighter version of the original color is **73.8796, 17.3484, 22.6719**, and **32.3808, 15.1938, 14.2702** is the 20% darker color. If you saturate the color by 10%, you get **48.2257, 21.2732, 20.7579**, and if you desaturate by 10%, it is **55.5220, 11.4731, 16.1100**.

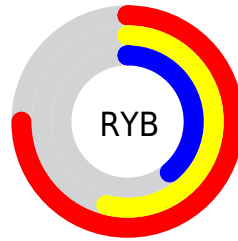
Distribution



Red (75%)

Green (49%)

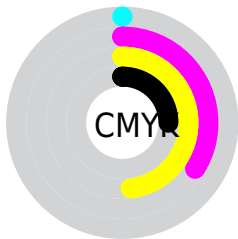
Blue (39%)



Red (75%)

Yellow (54%)

Blue (39%)

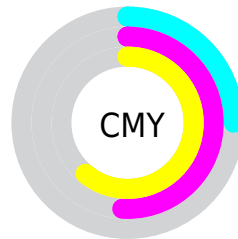


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7395, 16.2265, 18.6386 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 51.7395, 16.2265, 18.6386 by changing the saturation by 10% instead.

■ 51.7395, 16.2265,
18.6386

■ 51.7395, 16.2265,
18.6386

169.2770, 18.1429,
35.4374

■ 41.7150, 15.6245,
16.5370

■ 73.8352, 17.1371,
22.6152

■ 32.4362, 14.9124,
14.3220

■ 85.8258, 17.4707,
24.5239

■ 23.9704, 14.0703,
11.9505

■ 98.4032, 17.7324,
26.3958

■ 16.4047, 13.0777,
9.5834

■ 111.5413, 17.9282,
28.2391

■ 9.8625, 11.9187,
6.9038

125.2170, 18.0632,
30.0603

0.0000, INF, NaN

0.0000, NaN, NaN

139.4101, 18.1416,

31.8645

0.0000, NaN, NaN

154.1022, 18.1671,
33.6558

0.0000, NaN, NaN

■ 51.7395, 16.2265,
18.6386

■ 51.7395, 16.2265,
18.6386

■ 48.2257, 21.2732,
20.7579

■ 55.5220, 11.4731,
16.1100

■ 45.0125, 26.5777,
22.3863

■ 59.5375, 7.0320,
13.2407

■ 42.1392, 32.0474,
23.4448

■ 63.7596, 2.8919,
10.0907

■ 39.6437, 37.5308,
23.8729

■ 68.1646, -0.9663,
6.7080

■ 37.5554, 42.7941,
23.7092

■ 72.7323, -4.5670,
3.1308

■ 37.1655, 43.8311,
23.6685

■ 77.4458, -7.9362,
-0.6110

■ 82.2905, -11.0989,
-4.4935

■ 87.2542, -14.0785,
-8.4982

■ 91.7809, -19.9646,
-4.9106

Harmonies

Analogous

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



51.7408, 25.3194, 10.4208



51.7395, 16.2265, 18.6386



51.7408, 2.5785, 22.1906

Triad

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



51.7408, 16.2239, 18.6393



51.7408, -26.6490, 7.5548



51.7408, 6.2178, -27.8285

Complementary

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



51.7395, 16.2265, 18.6386



57.0643, -13.7271, -15.6927

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.



51.7408, -7.8973, -29.1970



51.7395, 16.2265, 18.6386



51.7408, -25.8971, -6.1524

Square

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



51.7408, 16.2239, 18.6393



51.7408, -21.5313, 17.0243



51.7408, -19.3549, -20.4428



51.7408, 19.1311, -17.0899

Rectangle

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



51.7395, 16.2265, 18.6386



51.7408, -6.8256, 22.2948



51.7408, -19.3549, -20.4428



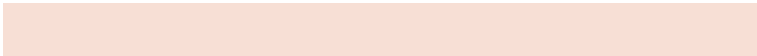
51.7408, 1.4278, -29.4891

Sweetspot

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



51.7408, 16.2239, 18.6393



87.9782, 1.9460, 11.9472



47.4966, 38.7116, -14.0262



40.6254, 1.4529, 6.0579



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



51.7408, 16.2239, 18.6393



64.9064, 28.6576, 27.9510



63.7996, -5.5690, 28.2452



31.5998, -0.1974, 3.3761



30.5051, 35.1690, 19.4128



6.9445, 4.5974, 4.3596

Inverse Universe

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



57.0643, -13.7271, -15.6927



73.3014, -19.2236, -26.5733



44.1554, 7.6346, -38.0705



32.1222, -3.0730, 0.0414



37.2573, -8.2607, -28.7358



8.0774, -2.6467, -4.3827

Previews

White Background



This preview shows how the HunterLab color 51.7395, 16.2265, 18.6386 looks on a white background.

Color Contrast Check

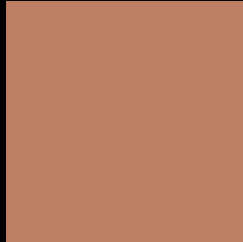
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7395, 16.2265, 18.6386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

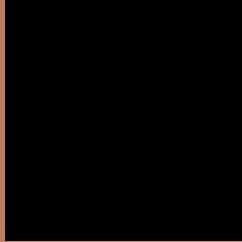
Any Text WCAG AA ✓ Pass

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 51.7395, 16.2265, 18.6386 Background



This preview shows how black text looks on a background with the HunterLab color 51.7395, 16.2265, 18.6386.



This preview shows how white text looks on a background with the HunterLab color 51.7395, 16.2265,

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

51.7395, 16.2265, 18.6386

Protanopia

52.0212, -4.4880, 16.4357

Deuteranopia

51.8714, 3.2526, 19.0931



Tritanopia

51.8606, 22.9945, 7.8100

Trichromacy



Original Color

51.7395, 16.2265, 18.6386

Protanomaly

51.6668, 2.7883, 17.1604

Deuteranomaly

51.7025, 8.2168, 18.7516

Tritanomaly

51.6762, 20.6225, 12.1795

Monochromacy



Original Color

51.7395, 16.2265, 18.6386

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.4642, 3.1280, 9.0265

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7395, 16.2265, 18.6386 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(190, 126, 99)` looks like.

```
.text, #text, p{  
    color:rgb(190, 126, 99)  
}
```

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(190, 126, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 126, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7395, 16.2265, 18.6386 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(190, 126, 99) }
```


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

```
.border{ border-color:rgb(190, 126, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 126, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 126, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 126, 99);  
box-shadow:4px 4px 4px 4px rgb(190, 126,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7395, 16.2265, 18.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 126, 99) }
```

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

```
.background{ background-color: rgb(190,  
126, 99) }
```

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