

Converting Colors

HunterLab(59.7727, -9.6489,
19.9690)

Have a look what the booklet for
HunterLab(59.7727, -9.6489,
19.9690) contains.

HunterLab(59.7727, -9.6489, 19.9690)	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(59.7727, -9.6489,
19.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A475
RGB	164, 164, 117
RGB Percent	64%, 64%, 46%
CMY	0.3569, 0.3568, 0.5412
CMYK	0.00, 0.00, 0.29, 0.36
HSL	60°, 21%, 55%
HSV	60°, 29%, 64%
XYZ	31.7962, 35.7278, 22.0500
YIQ	158.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

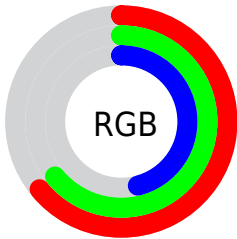
Format	Color
RYB	117, 164, 117
Decimal	10790005
CIELab	66.31, -7.70, 24.47
CIELCh	66, 25.651, 107.462
Yxy	35.7294, 0.3550, 0.3989
Android (android.graphics.Color)	4288980085 (0xFFA4A475)
YUV	158.6420, -20.5295, 4.6990
Hunter-Lab	59.7727, -9.6489, 19.9690

Details

The HunterLab color **59.7727, -9.6489, 19.9690** is a light color, and the websafe version is hex **999966**. A complement of this color would be **43.8016, 6.4797, -20.4402**, and the grayscale version is **58.8133, -3.1381, 3.1954**.

A 20% lighter version of the original color is **82.8177, -11.9329, 23.9505**, and **39.3070, -7.3923, 15.8423** is the 20% darker color. If you saturate the color by 10%, you get **59.4782, -11.3072, 24.2812**, and if you desaturate by 10%, it is **60.1246, -7.6983, 14.8876**.

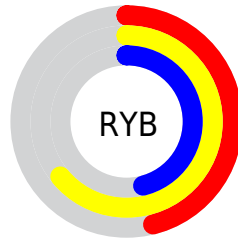
Distribution



Red (64%)

Green (64%)

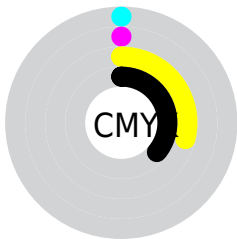
Blue (46%)



Red (46%)

Yellow (64%)

Blue (46%)

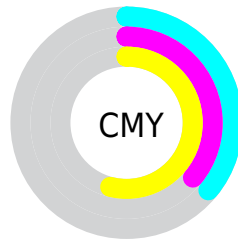


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7727, -9.6489, 19.9690 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 59.7727, -9.6489, 19.9690 by changing the saturation by 10% instead.

■ 59.7727, -9.6489,
19.9690

■ 59.7727, -9.6489,
19.9690

181.0459,
-19.1208, 36.4203

■ 49.2192, -8.6637,
17.9556

■ 82.8337, -11.6551,
23.8176

■ 39.3711, -7.6825,
15.8544

■ 95.2699, -12.6763,
25.6786

■ 30.2847, -6.7017,
13.6340

■ 108.2729,
-13.7117, 27.5103

■ 22.0302, -5.7119,
11.2464

121.8190,
-14.7621, 29.3194

■ 14.7018, -4.6963,
9.2604

135.8871,
-15.8280, 31.1111

■ 8.3597, -4.4586,
5.8518

150.4585,

0.0000, NaN, NaN

-16.9096, 32.8896

0.0000, NaN, NaN

165.5166,
-18.0072, 34.6584

0.0000, NaN, NaN

■ 59.7727, -9.6489,
19.9690

■ 59.7727, -9.6489,
19.9690

■ 59.4782, -11.3072,
24.2812

■ 60.1246, -7.6983,
14.8876

■ 59.2351, -12.6753,
27.8418

■ 60.5317, -5.4456,
9.0234

■ 59.0419, -13.7662,
30.6805

■ 60.9968, -2.8912,
2.3734

■ 58.8956, -14.5946,
32.8360

■ 61.5207, -0.0365,
-5.0589

■ 58.7925, -15.1799,
34.3584

■ 62.1043, 3.1146,
-13.2636

■ 58.7280, -15.5466,
35.3117

■ 62.7479, 6.5561,
-22.2250

■ 58.6930, -15.7450,
35.8270

■ 63.4517, 10.2799,
-31.9223

■ 58.6889, -15.7685,
35.8878

■ 64.2154, 14.2763,
-42.3302

■ 64.5495, 16.0095,
-46.8438

Harmonies

Analogous

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



59.7740, 1.6578, 20.2868



59.7727, -9.6489, 19.9690



59.7740, -18.5515, 15.7416

Triad

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



59.7740, -9.6507, 19.9697



59.7740, -17.3484, -14.3079



59.7740, 19.8294, -1.4693

Complementary

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



59.7727, -9.6489, 19.9690



43.8016, 6.4797, -20.4402

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.



59.7740, 13.8930, -12.6916



59.7727, -9.6489, 19.9690



59.7740, -7.8931, -20.9867

Square

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



59.7740, -9.6507, 19.9697



59.7740, -22.7608, -3.3716



59.7740, 3.5519, -20.3450



59.7740, 19.2697, 9.1979

Rectangle

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



59.7727, -9.6489, 19.9690



59.7740, -22.1819, 10.7309



59.7740, 3.5519, -20.3450



59.7740, 18.5099, -5.3349

Sweetspot

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



59.7740, -9.6507, 19.9697



81.5212, -7.5011, 12.5852



46.7978, 13.0154, 7.7417



38.0792, -3.7144, 6.4235



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



59.7740, -9.6507, 19.9697



80.2832, -14.3838, 30.5010



57.8412, -16.7038, 18.0974



28.7006, -2.6517, 4.4587



51.3891, -13.8071, 31.4240



7.4492, -2.0012, 4.5551

Inverse Universe

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



43.8016, 6.4797, -20.4402



54.5168, 11.9635, -35.5316



45.8505, 13.0511, -16.9380



26.1916, -0.1700, -1.7541



14.3361, 38.8860, -101.8595



2.0783, 5.6369, -14.7635

Previews

White Background



This preview shows how the HunterLab color 59.7727, -9.6489, 19.9690 looks on a white background.

Color Contrast Check

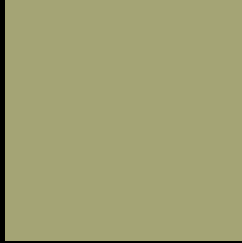
Large Text (above 18pt) WCAG AA × Fail

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 59.7727, -9.6489, 19.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

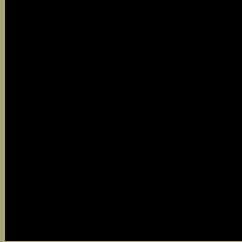
Any Text WCAG AA ✓ Pass

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 59.7727, -9.6489, 19.9690 Background



This preview shows how black text looks on a background with the HunterLab color 59.7727, -9.6489, 19.9690.



This preview shows how white text looks on a background with the HunterLab color 59.7727, -9.6489, 19.9690.

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

59.7727, -9.6489, 19.9690

Protanopia

59.6950, -5.3984, 20.2784

Deuteranopia

59.4897, 4.2735, 19.3379



Tritanopia

59.7278, 3.3848, -0.8882

Trichromacy



Original Color

59.7727, -9.6489, 19.9690

Protanomaly

59.7057, -6.8715, 20.2621

Deuteranomaly

59.6536, -1.0018, 19.7056

Tritanomaly

59.7502, -2.0781, 7.7287

Monochromacy



Original Color

59.7727, -9.6489, 19.9690

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.2287, -5.7735, 9.9825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7727, -9.6489, 19.9690 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(164, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 117)  
}
```

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(164, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7727, -9.6489, 19.9690 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(164, 164, 117) }
```


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

```
.border{ border-color:rgb(164, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 164, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 164, 117); box-shadow:4px 4px 4px 4px rgb(164, 164, 117) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7727, -9.6489, 19.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 117) }
```

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

```
.background{ background-color: rgb(164,  
164, 117) }
```

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