

Converting Colors

HunterLab(55.9794, -7.7072,
14.6496)

Have a look what the booklet for
HunterLab(55.9794, -7.7072,
14.6496) contains.

HunterLab(55.9585, -7.7576, 14.4911)	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(55.9585, -7.7576,
14.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	999A7B
RGB	153, 154, 123
RGB Percent	60%, 60%, 48%
CMY	0.4000, 0.3961, 0.5176
CMYK	0.01, 0.00, 0.20, 0.40
HSL	62°, 13%, 54%
HSV	62°, 20%, 60%
XYZ	28.2676, 31.3135, 23.2931
YIQ	150.1670, 9.3550, -9.8530

Conversions

Conversions Part 2

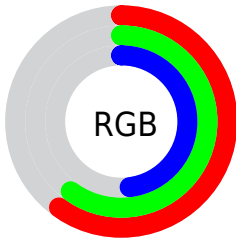
Format	Color
RYB	123, 154, 124
Decimal	10066555
CIELab	62.77, -5.78, 16.20
CIElCh	63, 17.201, 109.652
Yxy	31.3149, 0.3411, 0.3778
Android (android.graphics.Color)	4288256635 (0xFF999A7B)
YUV	150.1670, -13.3933, 2.4845
Hunter-Lab	55.9585, -7.7576, 14.4911

Details

The HunterLab color $55.9585, -7.7576, 14.4911$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45.5904, 3.3347, -11.6097$, and the grayscale version is $55.3439, -2.9530, 3.0069$.

A 20% lighter version of the original color is $78.5215, -9.1897, 17.2093$, and $36.0828, -5.9296, 11.4849$ is the 20% darker color. If you saturate the color by 10%, you get $55.5974, -9.6950, 19.0780$, and if you desaturate by 10%, it is $56.3738, -5.5502, 9.1909$.

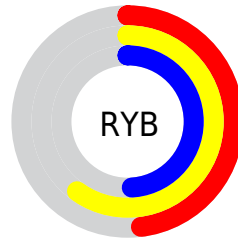
Distribution



Red (60%)

Green (60%)

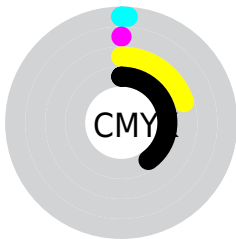
Blue (48%)



Red (48%)

Yellow (60%)

Blue (49%)

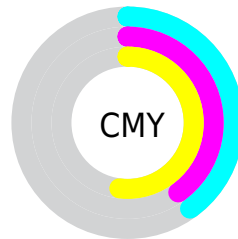


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9585, -7.7576, 14.4911 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 55.9585, -7.7576, 14.4911 by changing the saturation by 10% instead.

■ 55.9585, -7.7576,
14.4911

■ 55.9585, -7.7576,
14.4911

175.4955,
-16.4198, 27.4395

■ 45.6495, -6.8843,
12.9878

■ 78.5720, -9.5568,
17.4182

■ 36.0641, -6.0227,
11.4386

■ 90.8013, -10.4818,
18.8578

■ 27.2632, -5.1703,
9.8217

■ 103.6066,
-11.4251, 20.2895

■ 19.3241, -4.3200,
8.1006

116.9629,
-12.3869, 21.7171

■ 12.3533, -3.4578,
6.6933

130.8484,
-13.3673, 23.1438

■ 5.5402, -4.8456,
3.8782

145.2437,

0.0000, NaN, NaN

-14.3663, 24.5719

0.0000, NaN, NaN

160.1313,
-15.3838, 26.0033

0.0000, NaN, NaN

■ 55.9585, -7.7576,
14.4911

■ 55.9585, -7.7576,
14.4911

■ 55.5974, -9.6950,
19.0780

■ 56.3738, -5.5502,
9.1909

■ 55.2851, -11.3613,
22.9595

■ 56.8408, -3.0676,
3.1723

■ 55.0211, -12.7642,
26.1542

■ 57.3615, -0.3130,
-3.5607

■ 54.8030, -13.9135,
28.6881

■ 57.9366, 2.7095,
-10.9987

■ 54.6279, -14.8223,
30.5967

■ 58.5664, 5.9940,
-19.1274

■ 54.4924, -15.5080,
31.9260

■ 59.2508, 9.5328,
-27.9279

■ 54.3924, -15.9932,
32.7356

■ 59.9899, 13.3168,
-37.3773

■ 54.3174, -16.3365,
33.1842

■ 60.7830, 17.3357,
-47.4499

■ 61.2778, 19.7868,
-53.4333

Harmonies

Analogous

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



55.9597, -0.3734, 14.9361



55.9585, -7.7576, 14.4911



55.9597, -13.5663, 11.2237

Triad

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



55.9597, -7.7591, 14.4918



55.9597, -12.0274, -8.4568



55.9597, 11.9243, 0.5240

Complementary

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



55.9585, -7.7576, 14.4911



45.5904, 3.3347, -11.6097

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.



55.9597, 8.4377, -6.5889



55.9585, -7.7576, 14.4911



55.9597, -5.5571, -12.2085

Square

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



55.9597, -7.7591, 14.4918



55.9597, -15.9392, -1.7694



55.9597, 1.9468, -11.4831



55.9597, 11.2580, 7.4683

Rectangle

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



55.9585, -7.7576, 14.4911



55.9597, -15.8848, 7.6116



55.9597, 1.9468, -11.4831



55.9597, 11.1922, -1.9399

Sweetspot

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



55.9597, -7.7591, 14.4918



76.2227, -6.1827, 9.2499



47.5345, 7.1257, 6.0417



36.2460, -3.0347, 4.6264



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



55.9597, -7.7591, 14.4918



75.1999, -11.6376, 22.3383



54.7217, -12.2230, 13.2016



26.8565, -2.5400, 4.1286



49.0299, -14.7335, 29.9541



6.0176, -1.7171, 3.6780

Inverse Universe

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



45.5904, 3.3347, -11.6097



58.3008, 6.5337, -20.4396



46.8936, 7.6433, -9.6264



24.5670, -0.1089, -1.5862



13.8929, 37.4737, -97.0805



1.7630, 4.6310, -11.3557

Previews

White Background



This preview shows how the HunterLab color 55.9585, -7.7576, 14.4911 looks on a white background.

Color Contrast Check

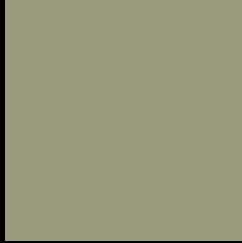
Large Text (above 18pt) WCAG AA × Fail

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 55.9585, -7.7576, 14.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

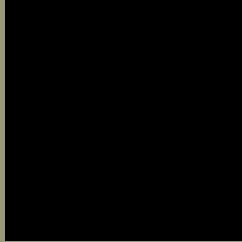
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

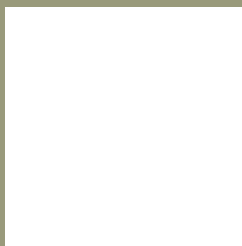
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.9585, -7.7576, 14.4911 Background



This preview shows how black text looks on a background with the HunterLab color 55.9585, -7.7576, 14.4911.



This preview shows how white text looks on a background with the HunterLab color 55.9585, -7.7576,

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

55.9585, -7.7576, 14.4911

Protanopia

55.7812, -3.9293, 14.7328

Deuteranopia

55.9183, 3.9251, 13.9534



Tritanopia

55.9796, 1.7801, -1.1866

Trichromacy



Original Color

55.9585, -7.7576, 14.4911

Protanomaly

55.7949, -5.3704, 14.7208

Deuteranomaly

55.9240, -0.4077, 14.2365

Tritanomaly

55.9533, -2.0751, 5.1920

Monochromacy



Original Color

55.9585, -7.7576, 14.4911

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.3227, -4.6563, 7.4179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9585, -7.7576, 14.4911 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(153, 154, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 123)  
}
```

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(153, 154, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9585, -7.7576, 14.4911 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(153, 154, 123) }
```


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

```
.border{ border-color:rgb(153, 154, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9585, -7.7576, 14.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 123) }
```

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

```
.background{ background-color: rgb(153,  
154, 123) }
```

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