

Converting Colors

HunterLab(55.0079, -7.9780,
12.4808)

Have a look what the booklet for
HunterLab(55.0079, -7.9780,
12.4808) contains.

HunterLab(55.0079, -7.9780, 12.4808)	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(55.0079, -7.9780,
12.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	94987E
RGB	148, 152, 126
RGB Percent	58%, 60%, 49%
CMY	0.4196, 0.4039, 0.5059
CMYK	0.03, 0.00, 0.17, 0.40
HSL	69°, 11%, 55%
HSV	69°, 17%, 60%
XYZ	27.2068, 30.2587, 24.1451
YIQ	147.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

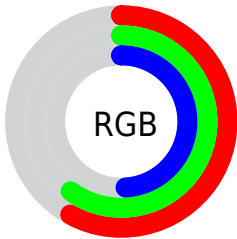
Format	Color
RYB	126, 152, 130
Decimal	9738366
CIELab	61.88, -6.16, 13.22
CIELCh	62, 14.579, 114.979
Yxy	30.2600, 0.3334, 0.3708
Android (android.graphics.Color)	4287928446 (0xFF94987E)
YUV	147.8400, -10.7671, 0.1403
Hunter-Lab	55.0079, -7.9780, 12.4808

Details

The HunterLab color $55.0079, -7.9780, 12.4808$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46.8351, 3.1642, -8.6925$, and the grayscale version is $54.3954, -2.9024, 2.9554$.

A 20% lighter version of the original color is $77.4299, -9.7127, 14.8854$, and $35.1917, -6.1817, 9.7477$ is the 20% darker color. If you saturate the color by 10%, you get $54.4802, -10.5437, 17.0817$, and if you desaturate by 10%, it is $55.5906, -5.1543, 7.2043$.

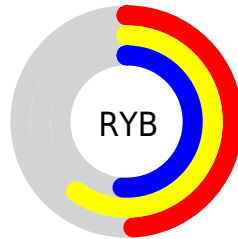
Distribution



Red (58%)

Green (60%)

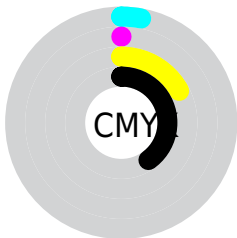
Blue (49%)



Red (49%)

Yellow (60%)

Blue (51%)

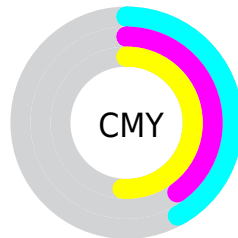


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0079, -7.9780, 12.4808 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 55.0079, -7.9780, 12.4808 by changing the saturation by 10% instead.

■ 55.0079, -7.9780,
12.4808

■ 55.0079, -7.9780,
12.4808

174.1019,
-16.7742, 24.1794

■ 44.7616, -7.0845,
11.1618

■ 77.5069, -9.8128,
15.0773

■ 35.2438, -6.2008,
9.8134

■ 89.6834, -10.7540,
16.3664

■ 26.5165, -5.3236,
8.4188

■ 102.4382,
-11.7126, 17.6554

■ 18.6592, -4.4444,
6.9483

115.7461,
-12.6889, 18.9472

■ 11.7816, -3.5468,
5.6914

129.5851,
-13.6832, 20.2440

■ 4.5596, -6.1271,
3.1917

143.9355,

0.0000, NaN, NaN

-14.6955, 21.5475

0.0000, NaN, NaN

158.7798,
-15.7259, 22.8589

0.0000, NaN, NaN

■ 55.0079, -7.9780,
12.4808

■ 55.0079, -7.9780,
12.4808

■ 54.4802, -10.5437,
17.0817

■ 55.5906, -5.1543,
7.2043

■ 54.0029, -12.8458,
21.0073

■ 56.2254, -2.0720,
1.2543

■ 53.5759, -14.8870,
24.2677

■ 56.9137, 1.2614,
-5.3590

■ 53.1974, -16.6719,
26.8805

■ 57.6555, 4.8384,
-12.6208

■ 52.8652, -18.2087,
28.8723

■ 58.4508, 8.6498,
-20.5127

■ 52.5764, -19.5100,
30.2803

■ 59.2991, 12.6854,
-29.0124

■ 52.3275, -20.5934,
31.1546

■ 60.1998, 16.9341,
-38.0954

■ 52.1117, -21.4949,
31.5910

■ 61.1521, 21.3843,
-47.7349

■ 52.0516, -21.7443,
31.6933

■ 61.7411, 23.9449,
-52.3881

Harmonies

Analogous

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



55.0091, -1.8698, 13.3158



55.0079, -7.9780, 12.4808



55.0091, -12.5463, 9.2275

Triad

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



55.0091, -7.9794, 12.4815



55.0091, -9.7439, -7.3460



55.0091, 9.7067, 1.9723

Complementary

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



55.0079, -7.9780, 12.4808



46.8351, 3.1642, -8.6925

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.



55.0091, 7.3785, -4.0661



55.0079, -7.9780, 12.4808



55.0091, -3.9983, -9.8199

Square

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



55.0091, -7.9794, 12.4815



55.0091, -13.5323, -2.1178



55.0091, 2.2916, -8.5569



55.0091, 8.5240, 7.6585

Rectangle

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



55.0079, -7.9780, 12.4808



55.0091, -14.1967, 5.9086



55.0091, 2.2916, -8.5569



55.0091, 9.3058, -0.0888

Sweetspot

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



55.0091, -7.9794, 12.4815



74.0178, -6.0520, 8.0543



49.1134, 3.7684, 6.5003



35.2625, -3.0080, 4.0744



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



55.0091, -7.9794, 12.4815



72.7707, -12.1092, 19.3215



53.9661, -11.7404, 11.3618



26.7857, -2.7895, 4.0479



47.6729, -19.8670, 29.0280



5.9262, -2.0589, 3.6157

Inverse Universe

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



46.8351, 3.1642, -8.6925



59.2524, 6.3752, -15.8443



47.9792, 6.9607, -7.0242



24.6368, 0.1301, -1.4916



14.3764, 37.8416, -93.2010



2.0269, 4.8731, -9.5579

Previews

White Background



This preview shows how the HunterLab color 55.0079, -7.9780, 12.4808 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 55.0079, -7.9780, 12.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

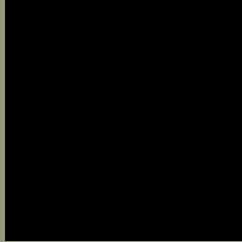
Any Text WCAG AA ✓ Pass

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 55.0079, -7.9780, 12.4808 Background



This preview shows how black text looks on a background with the HunterLab color 55.0079, -7.9780, 12.4808.



This preview shows how white text looks on a background with the HunterLab color 55.0079, -7.9780, 12.4808.

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

55.0079, -7.9780, 12.4808

Protanopia

54.9951, -3.5767, 12.9079

Deuteranopia

55.0233, 3.8953, 11.9677



Tritanopia

54.9026, 0.8996, -1.5756

Trichromacy



Original Color

55.0079, -7.9780, 12.4808

Protanomaly

54.9212, -5.3221, 12.8036

Deuteranomaly

54.9420, -0.7331, 12.1745

Tritanomaly

54.9370, -2.6403, 4.0148

Monochromacy



Original Color

55.0079, -7.9780, 12.4808

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

54.4832, -4.6142, 6.4917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.0079, -7.9780, 12.4808 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(148, 152, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 152, 126)  
}
```

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(148, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 152, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 55.0079, -7.9780, 12.4808 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(148, 152, 126) }
```


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

```
.border{ border-color:rgb(148, 152, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 152, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 152, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 152,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.0079, -7.9780, 12.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 152, 126) }
```

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

```
.background{ background-color: rgb(148,  
152, 126) }
```

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