

Converting Colors

HunterLab(42.6743, -5.0534,
9.4172)

Have a look what the booklet for
HunterLab(42.6743, -5.0534, 9.4172)
contains.

HunterLab(42.7492, -5.3955, 9.5258)	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(42.7492, -5.3955,
9.5258)

Conversions

Conversions Part 1

Format	Color
Hex	777864
RGB	119, 120, 100
RGB Percent	47%, 47%, 39%
CMY	0.5333, 0.5294, 0.6078
CMYK	0.01, 0.00, 0.17, 0.53
HSL	63°, 9%, 43%
HSV	63°, 17%, 47%
XYZ	16.6244, 18.2749, 14.7078
YIQ	117.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

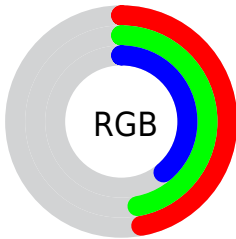
Format	Color
R_{YB}	100, 120, 101
Decimal	7829604
CIE _{Lab}	49.83, -4.12, 10.88
CIE _{LCh}	50, 11.632, 110.740
Yxy	18.2757, 0.3351, 0.3684
Android (android.graphics.Color)	4286019684 (0xFF777864)
YUV	117.4210, -8.5886, 1.3848
Hunter-Lab	42.7492, -5.3955, 9.5258

Details

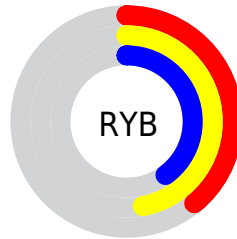
The HunterLab color $42.7492, -5.3955, 9.5258$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.3835, 1.6525, -6.5099$, and the grayscale version is $42.3708, -2.2608, 2.3021$.

A 20% lighter version of the original color is $63.5589, -6.9430, 11.7314$, and $24.8875, -4.2077, 7.2378$ is the 20% darker color. If you saturate the color by 10%, you get $42.4474, -6.9836, 13.1375$, and if you desaturate by 10%, it is $43.0908, -3.6121, 5.3967$.

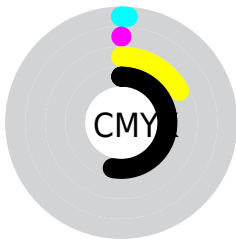
Distribution



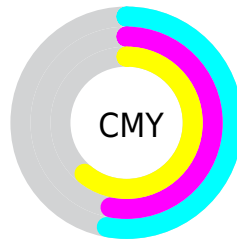
- Red (47%)
- Green (47%)
- Blue (39%)



- Red (39%)
- Yellow (47%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7492, -5.3955, 9.5258 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 42.7492, -5.3955, 9.5258 by changing the saturation by 10% instead.

■ 42.7492, -5.3955,
9.5258

■ 42.7492, -5.3955,
9.5258

155.6987,
-13.1465, 20.1970

■ 33.3888, -4.6430,
8.3307

■ 63.6448, -6.9664,
11.8759

■ 24.8326, -3.9075,
7.1033

■ 75.0858, -7.7839,
13.0452

■ 17.1657, -3.1857,
5.8184

■ 87.1403, -8.6235,
14.2172

■ 10.5068, -2.4676,
4.9609

■ 99.7788, -9.4851,
15.3947

0.0000, NaN, NaN

0.0000, NaN, NaN

112.9753,
-10.3685, 16.5801

0.0000, NaN, NaN

126.7071,

0.0000, NaN, NaN

-11.2734, 17.7748

0.0000, NaN, NaN

140.9543,
-12.1995, 18.9802

■ 42.7492, -5.3955,
9.5258

■ 42.7492, -5.3955,
9.5258

■ 42.4474, -6.9836,
13.1375

■ 43.0908, -3.6121,
5.3967

■ 42.1816, -8.3742,
16.2347

■ 43.4702, -1.6304,
0.7485

■ 41.9515, -9.5716,
18.8276

■ 43.8887, 0.5462,
-4.4137

■ 41.7558, -10.5813,
20.9314

■ 44.3466, 2.9140,
-10.0818

■ 41.5925, -11.4110,
22.5677

■ 44.8442, 5.4681,
-16.2442

■ 41.4595, -12.0711,
23.7648

■ 45.3812, 8.2027,
-22.8864

■ 41.3541, -12.5755,
24.5593

■ 45.9577, 11.1108,
-29.9915

■ 41.2704, -12.9576,
25.0388

■ 46.5731, 14.1848,
-37.5408

■ 41.2434, -13.0795,
25.1850

■ 47.2271, 17.4167,
-45.5138

Harmonies

Analogous

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



42.7501, -0.8385, 9.8834



42.7492, -5.3955, 9.5258



42.7501, -8.9732, 7.3562

Triad

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



42.7501, -5.3966, 9.5264



42.7501, -7.7832, -4.7785



42.7501, 6.8817, 0.9390

Complementary

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



42.7492, -5.3955, 9.5258



36.3835, 1.6525, -6.5099

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.



42.7501, 4.8451, -3.3988



42.7492, -5.3955, 9.5258



42.7501, -3.7092, -6.9237

Square

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



42.7501, -5.3966, 9.5264



42.7501, -10.3098, -0.7884



42.7501, 0.9217, -6.3936



42.7501, 6.3828, 5.2243

Rectangle

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



42.7492, -5.3955, 9.5258



42.7501, -10.3826, 5.0324



42.7501, 0.9217, -6.3936



42.7501, 6.4678, -0.5677

Sweetspot

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



42.7501, -5.3966, 9.5264



57.2202, -4.4011, 6.2491



37.7107, 3.5884, 4.3438



27.8423, -2.2126, 3.2058



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



42.7501, -5.3966, 9.5264



56.5346, -7.9922, 14.5450



41.9585, -8.2356, 8.6733



21.5039, -2.0310, 3.2217



43.0747, -13.6689, 26.3032



94.0176, -30.0785, 57.4066

Inverse Universe

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



36.3835, 1.6525, -6.5099



46.2023, 3.4841, -11.5755



37.2160, 4.4351, -5.3004



19.7541, -0.1014, -1.1651



12.3281, 33.1120, -85.0545



26.7204, 72.1687, -187.4529

Previews

White Background



This preview shows how the HunterLab color 42.7492, -5.3955, 9.5258 looks on a white background.

Color Contrast Check

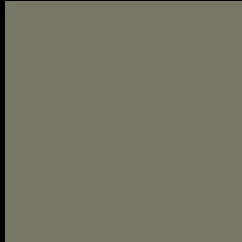
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.7492, -5.3955, 9.5258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

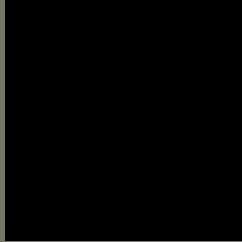
Any Text WCAG AA ✓ Pass

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 42.7492, -5.3955, 9.5258 Background



This preview shows how black text looks on a background with the HunterLab color 42.7492, -5.3955, 9.5258.



This preview shows how white text looks on a background with the HunterLab color 42.7492, -5.3955, 9.5258.

9.5258.

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

42.7492, -5.3955, 9.5258

Protanopia

42.6822, -2.8123, 9.8538

Deuteranopia

42.6714, 2.7951, 9.2360



Tritanopia

42.6709, 1.3746, -1.1086

Trichromacy



Original Color

42.7492, -5.3955, 9.5258

Protanomaly

42.7849, -3.8766, 9.9378

Deuteranomaly

42.6335, -0.0817, 9.1471

Tritanomaly

42.5964, -0.7984, 2.8085

Monochromacy



Original Color

42.7492, -5.3955, 9.5258

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.3747, -3.3074, 5.0109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7492, -5.3955, 9.5258 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(119, 120, 100)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 100)  
}
```

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(119, 120, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7492, -5.3955, 9.5258 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(119, 120, 100) }
```


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

```
.border{ border-color:rgb(119, 120, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 100);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7492, -5.3955, 9.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 100) }
```

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

```
.background{ background-color: rgb(119,  
120, 100) }
```

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