

Converting Colors

HunterLab(47.5288, -3.4282,
4.9006)

Have a look what the booklet for
HunterLab(47.5288, -3.4282, 4.9006)
contains.

HunterLab(47.4748, -3.4538, 4.9626)	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(47.4748, -3.4538,
4.9626)

Conversions

Conversions Part 1

Format	Color
Hex	83837D
RGB	131, 131, 125
RGB Percent	51%, 51%, 49%
CMY	0.4863, 0.4863, 0.5098
CMYK	0.00, 0.00, 0.05, 0.49
HSL	60°, 2%, 50%
HSV	60°, 5%, 51%
XYZ	21.1780, 22.5386, 22.6362
YIQ	130.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

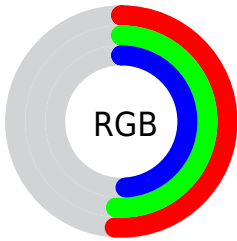
Format	Color
R_{YB}	125, 131, 125
Decimal	8618877
CIE Lab	54.59, -1.16, 3.23
CIE LCh	55, 3.437, 109.760
Yxy	22.5395, 0.3192, 0.3397
Android (android.graphics.Color)	4286808957 (0xFF83837D)
YUV	130.3160, -2.6208, 0.5999
Hunter-Lab	47.4748, -3.4538, 4.9626

Details

The HunterLab color $47.4748, -3.4538, 4.9626$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.4604, -1.4631, -0.0196$, and the grayscale version is $47.3818, -2.5282, 2.5743$.

A 20% lighter version of the original color is $69.0548, -4.6713, 6.3060$, and $28.8968, -2.3783, 3.7354$ is the 20% darker color. If you saturate the color by 10%, you get $47.1445, -5.2821, 9.7158$, and if you desaturate by 10%, it is $47.8510, -1.4013, -0.3794$.

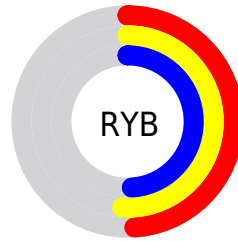
Distribution



Red (51%)

Green (51%)

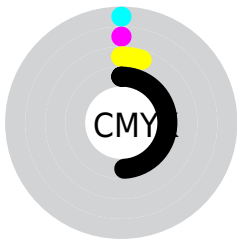
Blue (49%)



Red (49%)

Yellow (51%)

Blue (49%)

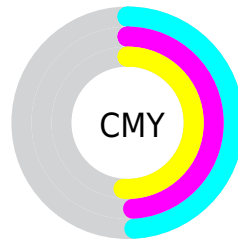


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4748, -3.4538, 4.9626 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 47.4748, -3.4538, 4.9626 by changing the saturation by 10% instead.

■ 47.4748, -3.4538,
4.9626

■ 47.4748, -3.4538,
4.9626

162.8960,
-10.0899, 12.5094

■ 37.7543, -2.8676,
4.2495

■ 69.0189, -4.7286,
6.4680

■ 28.8053, -2.3155,
3.5608

■ 80.7563, -5.4118,
7.2585

■ 20.7023, -1.8008,
2.8955

■ 93.0926, -6.1243,
8.0740

■ 13.5452, -1.3256,
2.2493

106.0001, -6.8649,
8.9140

■ 7.1322, -1.0909,
2.2681

119.4544, -7.6326,
9.7781

0.0000, NaN, NaN

133.4342, -8.4266,

0.0000, NaN, NaN

10.6656

0.0000, NaN, NaN

147.9204, -9.2459,
11.5762

0.0000, NaN, NaN

■ 47.4748, -3.4538,
4.9626

■ 47.4748, -3.4538,
4.9626

■ 47.1445, -5.2821,
9.7158

■ 47.8510, -1.4013,
-0.3794

■ 46.8561, -6.8828,
13.8785

■ 48.2708, 0.8771,
-6.3077

■ 46.6096, -8.2592,
17.4572

■ 48.7355, 3.3768,
-12.8127

■ 46.4034, -9.4159,
20.4636

■ 49.2454, 6.0927,
-19.8812

■ 46.2359, -10.3597,
22.9156

■ 49.8004, 9.0184,
-27.4968

■ 46.1048, -11.1001,
24.8380

■ 50.4006, 12.1465,
-35.6400

■ 46.0078, -11.6495,
26.2632

■ 51.0454, 15.4684,
-44.2889

■ 45.9418, -12.0238,
27.2325

■ 51.7345, 18.9750,
-53.4198

■ 45.9024, -12.2465,
27.8072

■ 52.4673, 22.6567,
-63.0077

Harmonies

Analogous

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



47.4758, -2.0496, 5.0689



47.4748, -3.4538, 4.9626



47.4758, -4.6013, 4.2310

Triad

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



47.4758, -3.4550, 4.9633



47.4758, -4.2860, 0.5593



47.4758, 0.1801, 2.1204

Complementary

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



47.4748, -3.4538, 4.9626



45.4604, -1.4631, -0.0196

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.



47.4758, -0.4343, 0.8763



47.4748, -3.4538, 4.9626



47.4758, -3.0199, -0.0424

Square

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



47.4758, -3.4550, 4.9633



47.4758, -5.0771, 1.6980



47.4758, -1.6095, 0.0753



47.4758, 0.0603, 3.4537

Rectangle

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



47.4748, -3.4538, 4.9626



47.4758, -5.0695, 3.4737



47.4758, -1.6095, 0.0753



47.4758, 0.0523, 1.6772

Sweetspot

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



47.4758, -3.4550, 4.9633



63.7025, -3.6800, 4.1878



45.7971, -0.6487, 3.0898



30.7391, -1.7665, 1.9968



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



47.4758, -3.4550, 4.9633



63.5055, -4.7614, 7.0010



47.2266, -4.3289, 4.6666



23.3486, -1.7859, 2.6652



45.5235, -12.2466, 27.8370



2.6796, -0.7203, 1.6386

Inverse Universe

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



45.4604, -1.4631, -0.0196



60.4960, -1.7867, -0.4405



45.7117, -0.5967, 0.3044



22.1628, -0.6137, -0.2672



12.7020, 34.4514, -90.2310



0.7480, 2.0281, -5.3076

Previews

White Background



This preview shows how the HunterLab color 47.4748, -3.4538, 4.9626 looks on a white background.

Color Contrast Check

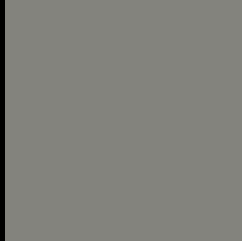
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4748, -3.4538, 4.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

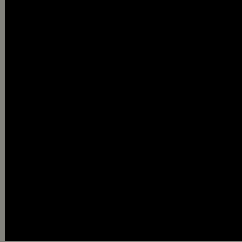
Any Text WCAG AA ✓ Pass

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 47.4748, -3.4538, 4.9626 Background



This preview shows how black text looks on a background with the HunterLab color 47.4748, -3.4538, 4.9626.



This preview shows how white text looks on a background with the HunterLab color 47.4748, -3.4538,

4.9626.

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

47.4748, -3.4538, 4.9626

Protanopia

47.4224, -2.2420, 5.3414

Deuteranopia

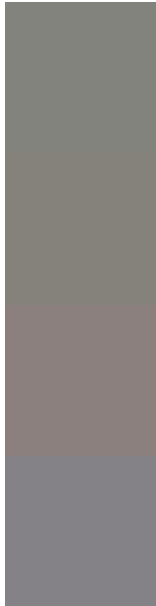
47.3791, 3.3762, 4.5530



Tritanopia

47.4880, 0.2795, -1.2298

Trichromacy



Original Color

47.4748, -3.4538, 4.9626

Protanomaly

47.3361, -2.5420, 5.2395

Deuteranomaly

47.4554, 0.8339, 4.5952

Tritanomaly

47.5311, -1.3055, 1.1315

Monochromacy



Original Color

47.4748, -3.4538, 4.9626

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1907, -2.8297, 3.3710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4748, -3.4538, 4.9626 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(131, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(131, 131, 125)  
}
```

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(131, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 131, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4748, -3.4538, 4.9626 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(131, 131, 125) }
```


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

```
.border{ border-color:rgb(131, 131, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 131, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 131, 125);  
box-shadow:4px 4px 4px 4px rgb(131, 131,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4748, -3.4538, 4.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 131, 125) }
```

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

```
.background{ background-color: rgb(131,  
131, 125) }
```

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