

Converting Colors

HunterLab(48.8429, 5.2016,
5.2713)

Have a look what the booklet for
HunterLab(48.8429, 5.2016, 5.2713)
contains.

HunterLab(48.7536, 5.3060, 5.2991)	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(48.7536, 5.3060,
5.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	998080
RGB	153, 128, 128
RGB Percent	60%, 50%, 50%
CMY	0.4000, 0.4980, 0.4980
CMYK	0.00, 0.16, 0.16, 0.40
HSL	0°, 11%, 55%
HSV	0°, 16%, 60%
XYZ	24.7523, 23.7691, 23.7053
YIQ	135.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

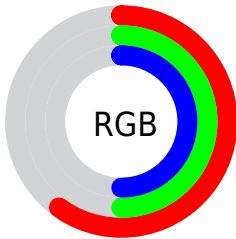
Format	Color
R _Y B	153, 128, 128
Decimal	10059904
CIE Lab	55.86, 9.57, 3.57
CIE LCh	56, 10.218, 20.474
Yxy	23.7702, 0.3427, 0.3291
Android (android.graphics.Color)	4288249984 (0xFF998080)
YUV	135.4750, -3.6852, 15.3694
Hunter-Lab	48.7536, 5.3060, 5.2991

Details

The HunterLab color $48.7536, 5.3060, 5.2991$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54.4709, -9.9824, 0.5865$, and the grayscale version is $49.4213, -2.6370, 2.6852$.

A 20% lighter version of the original color is $70.5648, 5.2092, 6.8417$, and $29.9687, 5.2510, 3.9241$ is the 20% darker color. If you saturate the color by 10%, you get $44.3875, 10.6845, 6.7883$, and if you desaturate by 10%, it is $53.3857, 0.1472, 3.9051$.

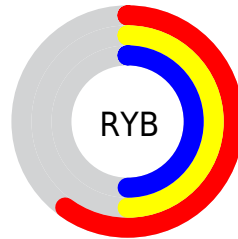
Distribution



Red (60%)

Green (50%)

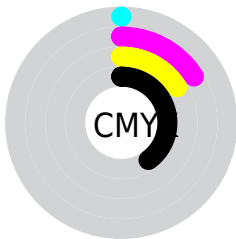
Blue (50%)



Red (60%)

Yellow (50%)

Blue (50%)

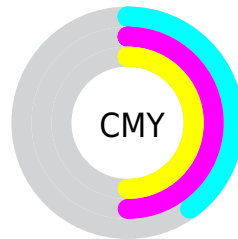


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7536, 5.3060, 5.2991 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 48.7536, 5.3060, 5.2991 by changing the saturation by 10% instead.

■ 48.7536, 5.3060,
5.2991

■ 48.7536, 5.3060,
5.2991

164.8201, 2.8653,
13.0075

■ 38.9400, 5.2941,
4.5631

■ 70.4663, 5.1185,
6.8464

■ 29.8899, 5.2015,
3.8497

■ 82.2809, 4.9365,
7.6562

■ 21.6753, 5.0115,
3.1575

■ 94.6908, 4.7021,
8.4902

■ 14.3920, 4.7019,
2.4816

107.6685, 4.4193,
9.3478

■ 8.0524, 4.7503,
2.2781

121.1903, 4.0917,
10.2288

0.0000, NaN, NaN

135.2350, 3.7219,

0.0000, NaN, NaN

11.1327

0.0000, NaN, NaN

149.7839, 3.3124,
12.0591

0.0000, NaN, NaN

■ 48.7536, 5.3060,
5.2991

■ 48.7536, 5.3060,
5.2991

■ 44.3875, 10.6845,
6.7883

■ 53.3857, 0.1472,
3.9051

■ 40.3333, 16.2730,
8.3691

■ 58.2415, -4.7987,
2.5973

■ 36.6526, 22.0058,
10.0250

■ 63.2909, -9.5558,
1.3667

■ 33.4171, 27.7331,
11.7110

■ 68.5092, -14.1498,
0.2028

■ 30.7059, 33.1838,
13.3419

■ 73.8766, -18.6056,
-0.9039

■ 28.5932, 37.9586,
14.7892

■ 79.3770, -22.9458,
-1.9624

■ 27.1282, 41.6042,
15.9046

■ 84.9973, -27.1902,
-2.9802

■ 26.2804, 43.8600,
16.5989

■ 90.7267, -31.3557,
-3.9636

■ 26.0245, 44.5639,
16.8163

■ 92.4729, -32.6001,
-4.2481

Harmonies

Analogous

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



48.7547, 5.7347, 1.3475



48.7536, 5.3060, 5.2991



48.7547, 2.7160, 8.2865

Triad

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



48.7547, 5.3044, 5.2999



48.7547, -8.7590, 7.3543



48.7547, -3.9514, -5.6676

Complementary

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



48.7536, 5.3060, 5.2991



54.4709, -9.9824, 0.5865

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.



48.7547, -7.7053, -3.7430



48.7536, 5.3060, 5.2991



48.7547, -10.4175, 3.9251

Square

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



48.7547, 5.3044, 5.2999



48.7547, -5.4345, 9.4001



48.7547, -10.0385, -0.1494



48.7547, 0.2925, -5.2197

Rectangle

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



48.7536, 5.3060, 5.2991



48.7547, 0.1623, 9.4376



48.7547, -10.0385, -0.1494



48.7547, -5.3100, -5.2709

Sweetspot

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



48.7547, 5.3044, 5.2999



72.2336, -0.6391, 5.0027



49.5084, 9.2870, -5.4221



33.7503, -0.0974, 2.4049



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.



48.7547, 5.3044, 5.2999



62.8291, 9.9826, 7.8850



52.1859, -0.7354, 8.9414



24.9455, 0.7734, 2.0610



23.6591, 40.5131, 15.2879



2.8933, 4.9519, 1.8695

Inverse Universe

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



54.4709, -9.9824, 0.5865



72.3193, -15.4433, 0.0442



50.7858, -4.1574, -3.9625



26.5074, -3.3948, 0.7761



45.5251, -24.1317, -4.8089



5.5667, -2.9510, -0.5876

Previews

White Background



This preview shows how the HunterLab color 48.7536, 5.3060, 5.2991 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 48.7536, 5.3060, 5.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

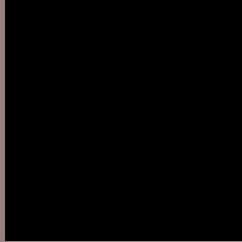
Any Text WCAG AA ✓ Pass

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 48.7536, 5.3060, 5.2991 Background



This preview shows how black text looks on a background with the HunterLab color 48.7536, 5.3060, 5.2991.



This preview shows how white text looks on a background with the HunterLab color 48.7536, 5.3060,

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

48.7536, 5.3060, 5.2991

Protanopia

48.7156, -1.7074, 3.8548

Deuteranopia

48.6298, 3.5094, 5.1281



Tritanopia

48.8415, 7.4701, 1.4968

Trichromacy



Original Color

48.7536, 5.3060, 5.2991

Protanomaly

48.6662, 0.9305, 4.2747

Deuteranomaly

48.7268, 3.8344, 5.2431

Tritanomaly

48.7545, 7.0110, 2.7369

Monochromacy



Original Color

48.7536, 5.3060, 5.2991

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.9073, 0.4424, 3.6801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7536, 5.3060, 5.2991 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, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 128)  
}
```

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, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7536, 5.3060, 5.2991 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, 128, 128) }
```


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

```
.border{ border-color:rgb(153, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7536, 5.3060, 5.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 128) }
```

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

```
.background{ background-color: rgb(153,  
128, 128) }
```

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