

Converting Colors

HunterLab(52.1881, -7.4088,
23.3396)

Have a look what the booklet for
HunterLab(52.1881, -7.4088,
23.3396) contains.

HunterLab(52.2475, -7.5321, 23.4504)	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(52.2475, -7.5321,
23.4504)

Conversions

Conversions Part 1

Format	Color
Hex	999050
RGB	153, 144, 80
RGB Percent	60%, 56%, 31%
CMY	0.4000, 0.4353, 0.6863
CMYK	0.00, 0.06, 0.48, 0.40
HSL	53°, 31%, 46%
HSV	53°, 48%, 60%
XYZ	24.5581, 27.2980, 11.5641
YIQ	139.3950, 25.9080, -17.9960

Conversions

Conversions Part 2

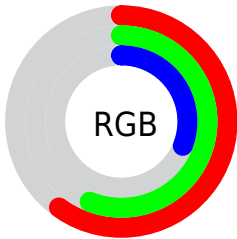
Format	Color
RYB	90, 153, 80
Decimal	10063952
CIELab	59.25, -5.89, 35.03
CIELCh	59, 35.518, 99.548
Yxy	27.2993, 0.3872, 0.4304
Android (android.graphics.Color)	4288254032 (0xFF999050)
YUV	139.3950, -29.2817, 11.9316
Hunter-Lab	52.2475, -7.5321, 23.4504

Details

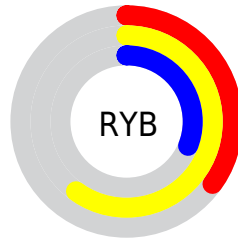
The HunterLab color $52.2475, -7.5321, 23.4504$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $33.3913, 9.0833, -32.7769$, and the grayscale version is $51.0758, -2.7253, 2.7750$.

A 20% lighter version of the original color is $74.5535, -9.3544, 28.6991$, and $32.8923, -5.9040, 17.7015$ is the 20% darker color. If you saturate the color by 10%, you get $51.5091, -7.7576, 25.8993$, and if you desaturate by 10%, it is $53.0356, -7.0619, 20.3729$.

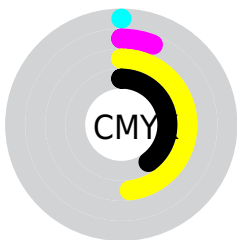
Distribution



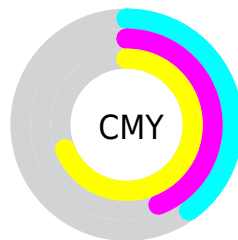
- Red (60%)
- Green (56%)
- Blue (31%)



- Red (35%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2475, -7.5321, 23.4504 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 52.2475, -7.5321, 23.4504 by changing the saturation by 10% instead.

■ 52.2475, -7.5321,
23.4504

■ 52.2475, -7.5321,
23.4504

170.0304,
-16.1807, 44.9652

■ 42.1878, -6.6578,
20.6367

■ 74.4068, -9.3311,
28.6959

■ 32.8712, -5.7932,
17.6453

■ 86.4267, -10.2550,
31.1777

■ 24.3638, -4.9351,
14.4229

■ 99.0322, -11.1968,
33.5894

■ 16.7517, -4.0743,
11.7262

■ 112.1970,
-12.1567, 35.9440

■ 10.1558, -3.1928,
7.1090

■ 125.8985,
-13.1351, 38.2515

0.0000, NaN, NaN

140.1163,

0.0000, NaN, NaN

-14.1319, 40.5200

0.0000, NaN, NaN

154.8324,
-15.1471, 42.7561

0.0000, NaN, NaN

■ 52.2475, -7.5321,
23.4504

■ 52.2475, -7.5321,
23.4504

■ 51.5091, -7.7576,
25.8993

■ 53.0356, -7.0619,
20.3729

■ 50.8152, -7.7407,
27.7341

■ 53.8707, -6.3376,
16.6584

■ 50.1650, -7.4950,
28.9825

■ 54.7545, -5.3598,
12.3080

■ 49.5555, -7.0378,
29.6861

■ 55.6873, -4.1299,
7.3285

■ 48.9797, -6.4091,
29.9471

■ 56.6688, -2.6514,
1.7318

■ 48.8495, -6.2586,
29.9913

■ 57.6988, -0.9293,
-4.4661

■ 58.7766, 1.0297,
-11.2460

■ 59.9016, 3.2179,
-18.5863

■ 61.0729, 5.6270,
-26.4635

Harmonies

Analogous

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



52.2487, 7.7792, 22.7113



52.2475, -7.5321, 23.4504



52.2487, -20.0700, 20.0130

Triad

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



52.2487, -7.5339, 23.4509



52.2487, -23.4030, -18.0478



52.2487, 27.3901, -7.7911

Complementary

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



52.2475, -7.5321, 23.4504



33.3913, 9.0833, -32.7769

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.



52.2487, 17.0743, -23.3432



52.2475, -7.5321, 23.4504



52.2487, -12.5818, -30.3389

Square

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



52.2487, -7.5339, 23.4509



52.2487, -28.5188, -1.9629



52.2487, 2.1281, -32.5131



52.2487, 29.1398, 7.2336

Rectangle

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



52.2475, -7.5321, 23.4504



52.2487, -25.5994, 15.0260



52.2487, 2.1281, -32.5131



52.2487, 24.7577, -13.2339

Sweetspot

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



52.2487, -7.5339, 23.4509



73.6962, -6.6453, 14.2766



36.3917, 23.8182, 7.1784



34.5150, -3.2684, 7.3112



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.



52.2487, -7.5339, 23.4509



68.8919, -10.3870, 34.7777



52.7399, -19.6021, 23.6226



26.6326, -2.0773, 3.8947



44.4465, -5.7482, 27.2871



5.7197, -1.1447, 3.5044

Inverse Universe

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



33.3913, 9.0833, -32.7769



38.8501, 17.4749, -58.1227



33.3900, 19.9069, -32.5903



24.7850, -0.5740, -1.3130



15.2006, 31.6085, -87.2330



2.5005, 1.9130, -7.2551

Previews

White Background



This preview shows how the HunterLab color 52.2475, -7.5321, 23.4504 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 52.2475, -7.5321, 23.4504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

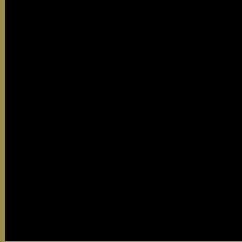
Any Text WCAG AA ✓ Pass

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 52.2475, -7.5321, 23.4504 Background



This preview shows how black text looks on a background with the HunterLab color 52.2475, -7.5321, 23.4504.



This preview shows how white text looks on a background with the HunterLab color 52.2475, -7.5321,

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

52.2475, -7.5321, 23.4504

Protanopia

52.3376, -5.7299, 23.5523

Deuteranopia

52.1691, 3.7643, 23.1400



Tritanopia

52.1426, 6.5469, 0.8571

Trichromacy



Original Color

52.2475, -7.5321, 23.4504

Protanomaly

52.2418, -6.0688, 23.4715

Deuteranomaly

52.1213, -0.6505, 23.2503

Tritanomaly

52.0225, 0.6164, 10.7101

Monochromacy



Original Color

52.2475, -7.5321, 23.4504

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.2709, -5.1357, 11.6827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2475, -7.5321, 23.4504 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, 144, 80)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 80)  
}
```

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, 144, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2475, -7.5321, 23.4504 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, 144, 80) }
```


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

```
.border{ border-color:rgb(153, 144, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 80);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2475, -7.5321, 23.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 80) }
```

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

```
.background{ background-color: rgb(153,  
144, 80) }
```

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