

Converting Colors

HunterLab(42.6194, -7.7009,
23.0700)

Have a look what the booklet for
HunterLab(42.6194, -7.7009,
23.0700) contains.

HunterLab(42.5584, -7.8441, 23.0353)	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(42.5584, -7.8441,
23.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	7F782A
RGB	127, 120, 42
RGB Percent	50%, 47%, 16%
CMY	0.5020, 0.5294, 0.8353
CMYK	0.00, 0.06, 0.67, 0.50
HSL	55°, 50%, 33%
HSV	55°, 67%, 50%
XYZ	15.8868, 18.1122, 4.8492
YIQ	113.2010, 29.2100, -22.7740

Conversions

Conversions Part 2

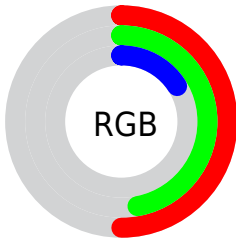
Format	Color
R_{YB}	50, 127, 42
Decimal	8353834
CIE _{Lab}	49.63, -7.47, 42.27
CIE _{LCh}	50, 42.922, 100.027
Yxy	18.1130, 0.4089, 0.4662
Android (android.graphics.Color)	4286543914 (0xFF7F782A)
YUV	113.2010, -35.1021, 12.1017
Hunter-Lab	42.5584, -7.8441, 23.0353

Details

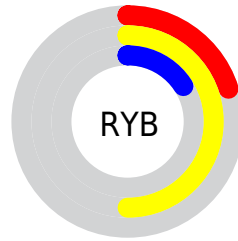
The HunterLab color $42.5584, -7.8441, 23.0353$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $20.5453, 15.1661, -45.0178$, and the grayscale version is $40.8371, -2.1790, 2.2188$.

A 20% lighter version of the original color is $63.4215, -9.7339, 29.4440$, and $24.7600, -5.7051, 15.1571$ is the 20% darker color. If you saturate the color by 10%, you get $42.1734, -7.9040, 24.1868$, and if you desaturate by 10%, it is $42.9787, -7.6058, 21.4154$.

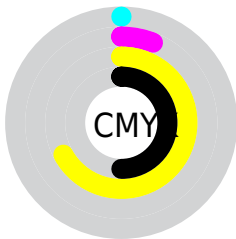
Distribution



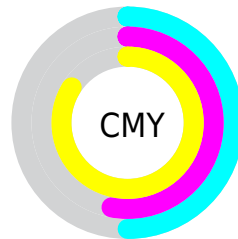
- Red (50%)
- Green (47%)
- Blue (16%)



- Red (20%)
- Yellow (50%)
- Blue (16%)



- Cyan (0%)
- Magenta (6%)
- Yellow (67%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5584, -7.8441, 23.0353 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 42.5584, -7.8441, 23.0353 by changing the saturation by 10% instead.

42.5584, -7.8441,
23.0353

42.5584, -7.8441,
23.0353

155.4051,
-17.0143, 48.7913

33.2132, -6.8799,
19.4968

63.4270, -9.7926,
29.5117

24.6735, -5.9103,
15.7888

74.8556, -10.7811,
32.5246

17.0251, -4.9239,
11.9176

86.8984, -11.7824,
35.4241

10.3875, -3.8952,
7.2712

99.5257, -12.7979,
38.2301

0.0000, NaN, NaN

0.0000, NaN, NaN

112.7115,
-13.8283, 40.9585

0.0000, NaN, NaN

126.4331,

0.0000, NaN, NaN

-14.8743, 43.6217

0.0000, NaN, NaN

140.6703,
-15.9362, 46.2299

■ 42.5584, -7.8441,
23.0353

■ 42.5584, -7.8441,
23.0353

■ 42.1734, -7.9040,
24.1868

■ 42.9787, -7.6058,
21.4154

■ 41.8182, -7.7946,
24.9028

■ 43.4331, -7.1746,
19.3021

■ 41.4877, -7.5517,
25.2722

■ 43.9242, -6.5452,
16.6801

■ 41.3874, -7.4714,
25.3719

■ 44.4528, -5.7133,
13.5403

■ 45.0199, -4.6771,
9.8796

■ 45.6258, -3.4365,
5.6997

■ 46.2708, -1.9932,
1.0069

■ 46.9549, -0.3504,
-4.1890

■ 47.6778, 1.4875,
-9.8751

Harmonies

Analogous

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



42.5594, 9.5446, 22.4699



42.5584, -7.8441, 23.0353



42.5594, -21.4150, 19.9765

Triad

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



42.5594, -7.8456, 23.0356



42.5594, -24.6288, -23.0947



42.5594, 33.2293, -9.8056

Complementary

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



42.5584, -7.8441, 23.0353



20.5453, 15.1661, -45.0178

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.



42.5594, 20.9938, -29.2498



42.5584, -7.8441, 23.0353



42.5594, -12.9274, -38.7864

Square

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



42.5594, -7.8456, 23.0356



42.5594, -30.0420, -3.4943



42.5594, 3.6017, -41.4002



42.5594, 35.1661, 7.4085

Rectangle

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



42.5584, -7.8441, 23.0353



42.5594, -27.1652, 15.1629



42.5594, 3.6017, -41.4002



42.5594, 30.1025, -16.4491

Sweetspot

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



42.5594, -7.8456, 23.0356



59.9703, -6.7824, 15.0391



25.2796, 27.3355, 9.2185



28.9306, -3.4414, 7.8402



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.5594, -7.8456, 23.0356



56.1949, -10.5309, 32.9129



41.9522, -20.7433, 22.3915



22.2729, -1.8231, 3.2572



41.5624, -7.5015, 25.4793

0.0000, NaN, NaN

Inverse Universe

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



20.5453, 15.1661, -45.0178



22.0816, 29.2202, -82.4258



21.8715, 25.0012, -40.5150



20.6501, -0.3935, -1.1022



13.3165, 30.0110, -81.4296

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.5584, -7.8441, 23.0353 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 42.5584, -7.8441, 23.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

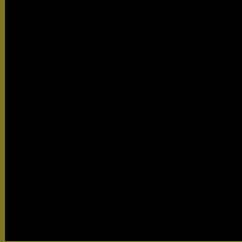
Any Text WCAG AA ✓ Pass

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 42.5584, -7.8441, 23.0353 Background



This preview shows how black text looks on a background with the HunterLab color 42.5584, -7.8441, 23.0353.



This preview shows how white text looks on a background with the HunterLab color 42.5584, -7.8441,

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

42.5584, -7.8441, 23.0353

Protanopia

42.4612, -5.3135, 23.0127

Deuteranopia

42.4038, 2.8295, 22.7073



Tritanopia

42.4702, 5.8564, 1.0193

Trichromacy



Original Color

42.5584, -7.8441, 23.0353

Protanomaly

42.5519, -6.4221, 23.0557

Deuteranomaly

42.4485, -1.1139, 22.8088

Tritanomaly

42.2605, -0.3662, 11.8290

Monochromacy



Original Color

42.5584, -7.8441, 23.0353

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.2680, -5.4483, 12.3792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5584, -7.8441, 23.0353 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(127, 120, 42)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 42)  
}
```

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(127, 120, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5584, -7.8441, 23.0353 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(127, 120, 42) }
```


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

```
.border{ border-color:rgb(127, 120, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 42);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5584, -7.8441, 23.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 42) }
```

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

```
.background{ background-color: rgb(127,  
120, 42) }
```

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