

Converting Colors

HunterLab(41.0588, -23.9629,
15.3872)

Have a look what the booklet for
HunterLab(41.0588, -23.9629,
15.3872) contains.

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Color

**HunterLab(40.9594,
-23.8558, 15.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	407F4B
RGB	64, 127, 75
RGB Percent	25%, 50%, 29%
CMY	0.7490, 0.5020, 0.7059
CMYK	0.50, 0.00, 0.41, 0.50
HSL	130°, 33%, 37%
HSV	130°, 50%, 50%
XYZ	10.9737, 16.7767, 9.3165
YIQ	102.2350, -20.8560, -29.5280

Conversions

Conversions Part 2

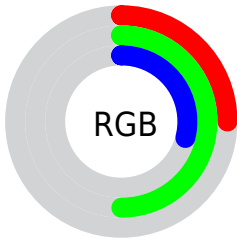
Format	Color
RYB	64, 118, 127
Decimal	4226891
CIELab	47.98, -32.30, 22.18
CIElCh	48, 39.178, 145.526
Yxy	16.7774, 0.2961, 0.4526
Android (android.graphics.Color)	4282416971 (0xFF407F4B)
YUV	102.2350, -13.4269, -33.5321
Hunter-Lab	40.9594, -23.8558, 15.1857

Details

The HunterLab color $[40.9594, -23.8558, 15.1857]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[30.7247, 26.0488, -12.4972]$, and the grayscale version is $[36.5951, -1.9526, 1.9883]$.

A 20% lighter version of the original color is $[61.4905, -28.7606, 19.0002]$, and $[23.3104, -18.1974, 10.9210]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.3325, -26.7215, 17.1402]$, and if you desaturate by 10%, it is $[41.7233, -20.4576, 12.9950]$.

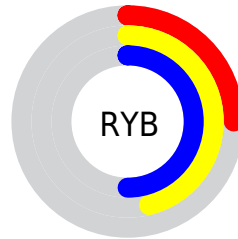
Distribution



Red (25%)

Green (50%)

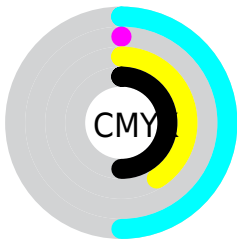
Blue (29%)



Red (25%)

Yellow (46%)

Blue (50%)

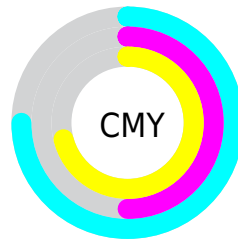


Cyan (50%)

Magenta (0%)

Yellow (41%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9594, -23.8558, 15.1857 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 40.9594, -23.8558, 15.1857 by changing the saturation by 10% instead.

40.9594, -23.8558,
15.1857

40.9594, -23.8558,
15.1857

152.9335,
-44.2341, 31.0561

31.7426, -21.1536,
13.1631

61.5976, -28.8422,
18.9685

23.3438, -18.2373,
11.0028

72.9214, -31.1907,
20.7730

15.8532, -15.0051,
8.7907

84.8648, -33.4708,
22.5389

9.3982, -15.4769,
6.5787

97.3972, -35.6964,
24.2758

0.0000, NaN, NaN

0.0000, NaN, NaN

110.4922,
-37.8780, 25.9909

0.0000, NaN, NaN

124.1266,

0.0000, NaN, NaN

-40.0241, 27.6899

0.0000, NaN, NaN

138.2798,
-42.1410, 29.3771

■ 40.9594, -23.8558,
15.1857

■ 40.9594, -23.8558,
15.1857

■ 40.3325, -26.7215,
17.1402

■ 41.7233, -20.4576,
12.9950

■ 39.8367, -29.0375,
18.8379

■ 42.6228, -16.5545,
10.5916

■ 39.4667, -30.8064,
20.2659

■ 43.6579, -12.1870,
8.0035

■ 39.2131, -32.0512,
21.4184

■ 44.8258, -7.4019,
5.2595

■ 39.0421, -32.9067,
22.2830

■ 46.1229, -2.2493,
2.3881

■ 39.0359, -32.9373,
22.3106

■ 47.5441, 3.2206,
-0.5836

■ 49.0840, 8.9592,
-3.6311

■ 50.7365, 14.9216,
-6.7328

■ 52.4955, 21.0676,
-9.8702

Harmonies

Analogous

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



40.9603, -14.1855, 20.3761



40.9594, -23.8558, 15.1857



40.9603, -27.7308, 4.3669

Triad

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



40.9603, -23.8564, 15.1860



40.9603, -4.4724, -36.9792



40.9603, 28.1119, 12.6074

Complementary

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



40.9594, -23.8558, 15.1857



30.7247, 26.0488, -12.4972

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.



40.9603, 31.7196, -0.0295



40.9594, -23.8558, 15.1857



40.9603, 11.3728, -32.2141

Square

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



40.9603, -23.8564, 15.1860



40.9603, -17.6403, -28.4619



40.9603, 25.2003, -17.1389



40.9603, 15.9610, 19.3195

Rectangle

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



40.9594, -23.8558, 15.1857



40.9603, -26.9969, -6.0521



40.9603, 25.2003, -17.1389



40.9603, 30.4339, 9.0772

Sweetspot

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



40.9603, -23.8564, 15.1860



59.0643, -13.6514, 9.1728



43.9284, -12.7355, 20.2987



28.4474, -7.1483, 4.7513



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.



40.9603, -23.8564, 15.1860



53.8379, -36.3773, 23.3764



41.6053, -20.0140, 5.8543



21.9774, -3.5007, 2.5054



39.2010, -33.0780, 22.4081

0.0000, NaN, NaN

Inverse Universe

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



30.7247, 26.0488, -12.4972



37.6323, 43.3103, -20.4459



29.7237, 21.4042, 1.5466



20.9760, 1.3045, -0.1942



23.6121, 44.7765, -18.3855

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.9594, -23.8558, 15.1857 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 40.9594, -23.8558, 15.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

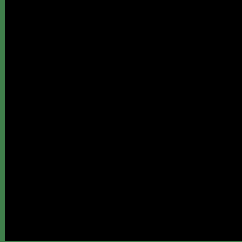
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.9594, -23.8558, 15.1857 Background



This preview shows how black text looks on a background with the HunterLab color 40.9594, -23.8558, 15.1857.



This preview shows how white text looks on a background with the HunterLab color 40.9594,

-23.8558, 15.1857.

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

40.9594, -23.8558, 15.1857

Protanopia

40.6664, -3.9086, 16.5421

Deuteranopia

40.5469, 2.8498, 14.2182



Tritanopia

40.7706, -10.9025, -5.7803

Trichromacy



Original Color

40.9594, -23.8558, 15.1857

Protanomaly

40.3107, -12.4132, 15.6045

Deuteranomaly

40.0783, -8.6191, 13.8824

Tritanomaly

40.8282, -16.4940, 3.4470

Monochromacy



Original Color

40.9594, -23.8558, 15.1857

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.7045, -10.8736, 7.1212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9594, -23.8558, 15.1857 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(64, 127, 75)` looks like.

```
.text, #text, p{  
  color:rgb(64, 127, 75)  
}
```

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(64, 127, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 127, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9594, -23.8558, 15.1857 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(64, 127, 75) }
```


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

```
.border{ border-color:rgb(64, 127, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 127, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 127, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 127, 75);  
box-shadow:4px 4px 4px 4px rgb(64, 127,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9594, -23.8558, 15.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 127, 75) }
```

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

```
.background{ background-color: rgb(64, 127,  
75) }
```

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](#).

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