

Converting Colors

HunterLab(39.4470, -23.8344,
17.1504)

Have a look what the booklet for
HunterLab(39.4470, -23.8344,
17.1504) contains.

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Color

**HunterLab(39.4457,
-23.8902, 17.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7B3D
RGB	63, 123, 61
RGB Percent	25%, 48%, 24%
CMY	0.7529, 0.5176, 0.7608
CMYK	0.49, 0.00, 0.50, 0.52
HSL	118°, 34%, 36%
HSV	118°, 50%, 48%
XYZ	9.9752, 15.5596, 6.8924
YIQ	97.9920, -15.8580, -32.0020

Conversions

Conversions Part 2

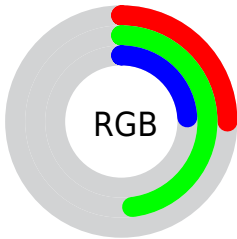
Format	Color
RYB	61, 123, 121
Decimal	4160317
CIELab	46.39, -33.08, 27.86
CIElCh	46, 43.253, 139.894
Yxy	15.5603, 0.3076, 0.4798
Android (android.graphics.Color)	4282350397 (0xFF3F7B3D)
YUV	97.9920, -18.2371, -30.6880
Hunter-Lab	39.4457, -23.8902, 17.2521

Details

The HunterLab color $[39.4457, -23.8902, 17.2521]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[29.7204, 26.8468, -18.6008]$, and the grayscale version is $[35.0165, -1.8684, 1.9025]$.

A 20% lighter version of the original color is $[59.8509, -28.9559, 21.7593]$, and $[21.9668, -17.9740, 12.0013]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.8486, -26.6253, 19.0878]$, and if you desaturate by 10%, it is $[40.1791, -20.6003, 15.0184]$.

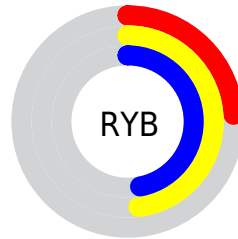
Distribution



Red (25%)

Green (48%)

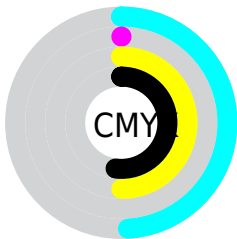
Blue (24%)



Red (24%)

Yellow (48%)

Blue (47%)

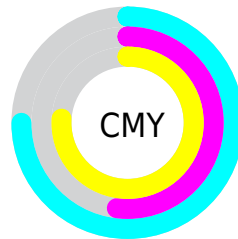


Cyan (49%)

Magenta (0%)

Yellow (50%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.4457, -23.8902, 17.2521 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 39.4457, -23.8902, 17.2521 by changing the saturation by 10% instead.

■ 39.4457, -23.8902,
17.2521

■ 39.4457, -23.8902,
17.2521

150.5765,
-44.7295, 35.9585

■ 30.3538, -21.0997,
14.7672

■ 59.8608, -29.0168,
21.8294

■ 22.0924, -18.0745,
12.0857

■ 71.0831, -31.4234,
23.9830

■ 14.7562, -14.7001,
10.2173

■ 82.9304, -33.7560,
26.0734

■ 8.4123, -14.7214,
5.8886

■ 95.3712, -36.0297,
28.1143

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.3787,
-38.2559, 30.1161

0.0000, NaN, NaN

■ 121.9289,

0.0000, NaN, NaN

-40.4435, 32.0867

0.0000, NaN, NaN

136.0011,
-42.5995, 34.0325

■ 39.4457, -23.8902,
17.2521

■ 39.4457, -23.8902,
17.2521

■ 38.8486, -26.6253,
19.0878

■ 40.1791, -20.6003,
15.0184

■ 38.3817, -28.7911,
20.5184

■ 41.0476, -16.7817,
12.4038

■ 38.0393, -30.3948,
21.5520

■ 42.0512, -12.4749,
9.4350

■ 37.8120, -31.4652,
22.2133

■ 43.1873, -7.7274,
6.1447

■ 37.6725, -32.1296,
22.6511

■ 44.4520, -2.5908,
2.5688

■ 45.8404, 2.8825,
-1.2559

■ 47.3470, 8.6419,
-5.2938

■ 48.9656, 14.6405,
-9.5111

■ 50.6900, 20.8358,
-13.8777

Harmonies

Analogous

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



39.4465, -12.5043, 21.4870



39.4457, -23.8902, 17.2521



39.4465, -29.1287, 7.1659

Triad

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



39.4465, -23.8909, 17.2524



39.4465, -7.6147, -41.6432



39.4465, 33.0803, 11.2347

Complementary

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



39.4457, -23.8902, 17.2521



29.7204, 26.8468, -18.6008

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.



39.4465, 34.9818, -3.6321



39.4457, -23.8902, 17.2521



39.4465, 9.4931, -39.0338

Square

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



39.4465, -23.8909, 17.2524



39.4465, -20.8279, -29.3126



39.4465, 25.7533, -23.2091



39.4465, 20.9246, 19.1568

Rectangle

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



39.4457, -23.8902, 17.2521



39.4465, -29.1434, -3.5037



39.4465, 25.7533, -23.2091



39.4465, 35.0097, 7.0688

Sweetspot

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



39.4465, -23.8909, 17.2524



57.0150, -13.5626, 10.4584



42.6700, -8.4066, 20.0110



27.5419, -7.1155, 5.4451



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



39.4465, -23.8909, 17.2524



51.9105, -35.9748, 25.7728



39.8695, -21.1926, 9.8333



21.1082, -3.4373, 2.7659



38.3152, -32.6810, 23.0375



83.6399, -71.5598, 50.2857

Inverse Universe

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



29.7204, 26.8468, -18.6008



36.7149, 43.9771, -30.7963



28.9106, 22.6392, -3.5397



20.1773, 1.3350, -0.5995



23.5344, 46.5893, -33.5197



51.3281, 101.6490, -73.4059

Previews

White Background



This preview shows how the HunterLab color 39.4457, -23.8902, 17.2521 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 39.4457, -23.8902, 17.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

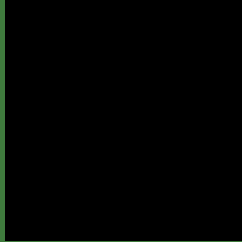
Any Text WCAG AA × Fail

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 39.4457, -23.8902, 17.2521 Background



This preview shows how black text looks on a background with the HunterLab color 39.4457, -23.8902, 17.2521.



This preview shows how white text looks on a background with the HunterLab color 39.4457,

-23.8902, 17.2521.

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

39.4457, -23.8902, 17.2521

Protanopia

39.0996, -4.2018, 18.3460

Deuteranopia

39.0903, 2.8569, 16.3196



Tritanopia

39.3801, -10.3180, -5.1261

Trichromacy



Original Color

39.4457, -23.8902, 17.2521

Protanomaly

38.7936, -12.5053, 17.5676

Deuteranomaly

38.6357, -8.5023, 16.2148

Tritanomaly

39.3606, -16.3040, 5.0333

Monochromacy



Original Color

39.4457, -23.8902, 17.2521

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

36.1975, -10.8584, 8.0374

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.4457, -23.8902, 17.2521 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(63, 123, 61)` looks like.

```
.text, #text, p{  
    color:rgb(63, 123, 61)  
}
```

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(63, 123, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 123, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 39.4457, -23.8902, 17.2521 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(63, 123, 61) }
```


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

```
.border{ border-color:rgb(63, 123, 61) }
```

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

Here you see how a box with a 4 pixel rgb(63, 123, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 123, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 123, 61);  
box-shadow:4px 4px 4px 4px rgb(63, 123,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.4457, -23.8902, 17.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 123, 61) }
```

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

```
.background{ background-color: rgb(63, 123,  
61) }
```

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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