

Converting Colors

HunterLab(23.6438, -6.4745,
9.4218)

Have a look what the booklet for
HunterLab(23.6438, -6.4745, 9.4218)
contains.

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Color

**HunterLab(23.6438, -6.4745,
9.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4628
RGB	63, 70, 40
RGB Percent	25%, 27%, 16%
CMY	0.7529, 0.7255, 0.8431
CMYK	0.10, 0.00, 0.43, 0.73
HSL	74°, 27%, 22%
HSV	74°, 43%, 27%
XYZ	4.6231, 5.5903, 2.8429
YIQ	64.4870, 5.4580, -10.8140

Conversions

Conversions Part 2

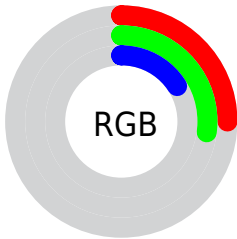
Format	Color
RYB	40, 70, 47
Decimal	4146728
CIELab	28.36, -8.67, 17.14
CIELCh	28, 19.207, 116.825
Yxy	5.5905, 0.3541, 0.4282
Android (android.graphics.Color)	4282336808 (0xFF3F4628)
YUV	64.4870, -12.0721, -1.3041
Hunter-Lab	23.6438, -6.4745, 9.4218

Details

The HunterLab color **23.6438, -6.4745, 9.4218** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.0133, 5.8276, -11.4856**, and the grayscale version is **22.8523, -1.2193, 1.2416**.

A 20% lighter version of the original color is **41.2411, -8.4879, 12.6068**, and **9.7123, -4.1096, 5.9128** is the 20% darker color. If you saturate the color by 10%, you get **23.4396, -7.4211, 10.6738**, and if you desaturate by 10%, it is **23.8688, -5.4312, 7.9321**.

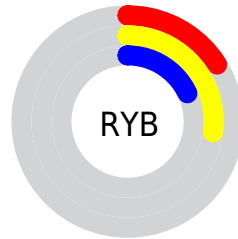
Distribution



Red (25%)

Green (27%)

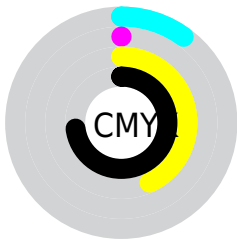
Blue (16%)



Red (16%)

Yellow (27%)

Blue (18%)

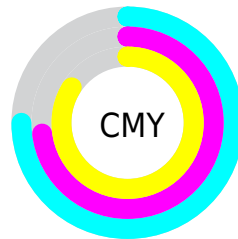


Cyan (10%)

Magenta (0%)

Yellow (43%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6438, -6.4745, 9.4218 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 23.6438, -6.4745, 9.4218 by changing the saturation by 10% instead.

■ 23.6438, -6.4745,
9.4218

■ 23.6438, -6.4745,
9.4218

124.6504,
-16.0119, 23.3589

■ 16.1175, -5.3869,
7.5484

■ 41.3225, -8.5757,
12.8007

■ 9.6204, -4.4499,
6.7343

■ 51.3190, -9.6157,
14.3846

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0125, -10.6582,
15.9270

0.0000, NaN, NaN

■ 73.3602, -11.7074,
17.4409

0.0000, NaN, NaN

■ 85.3263, -12.7657,
18.9352

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8804, -13.8351,

110.9962,
-14.9169, 21.8899

23.6438, -6.4745,
9.4218

23.6438, -6.4745,
9.4218

23.4396, -7.4211,
10.6738

23.8688, -5.4312,
7.9321

23.2540, -8.2699,
11.6924

24.1133, -4.2895,
6.2016

23.0870, -9.0233,
12.4859

24.3781, -3.0513,
4.2303

22.9376, -9.6847,
13.0654

24.6634, -1.7184,
2.0197

22.8013, -10.2791,
13.4968

24.9691, -0.2934,
-0.4264

■ 22.7059, -10.6980,
13.8040

■ 25.2954, 1.2206,
-3.1033

■ 25.6420, 2.8202,
-6.0047

■ 26.0087, 4.5016,
-9.1232

■ 26.3953, 6.2606,
-12.4510

Harmonies

Analogous

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



23.6443, -0.5894, 10.1315



23.6438, -6.4745, 9.4218



23.6443, -10.5554, 6.7552

Triad

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



23.6443, -6.4752, 9.4220



23.6443, -7.5217, -10.5050



23.6443, 12.0603, 0.6411

Complementary

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



23.6438, -6.4745, 9.4218



16.0133, 5.8276, -11.4856

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.



23.6443, 9.7315, -5.9110



23.6438, -6.4745, 9.4218



23.6443, -1.9289, -13.3170

Square

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



23.6443, -6.4752, 9.4220



23.6443, -11.1138, -4.5135



23.6443, 4.4441, -11.4488



23.6443, 10.5226, 5.9111

Rectangle

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



23.6438, -6.4745, 9.4218



23.6443, -11.9209, 3.7613



23.6443, 4.4441, -11.4488



23.6443, 11.6983, -1.4874

Sweetspot

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



23.6443, -6.4752, 9.4220



32.1270, -4.1392, 5.7658



18.6775, 4.8302, 5.2207



16.2153, -2.1916, 3.0753



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



23.6443, -6.4752, 9.4220



30.9075, -9.8168, 14.1143



22.7204, -9.9672, 8.5869



13.0524, -1.3308, 1.7701



32.4893, -15.6273, 19.7462



79.9423, -39.6270, 48.5663

Inverse Universe

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



16.0133, 5.8276, -11.4856



18.6621, 10.2542, -20.3437



17.2744, 9.5638, -9.0769



12.1997, 0.0114, -0.4778



10.4601, 26.6077, -60.6397



25.0983, 65.0673, -154.9862

Previews

White Background



This preview shows how the HunterLab color 23.6438, -6.4745, 9.4218 looks on a white background.

Color Contrast Check

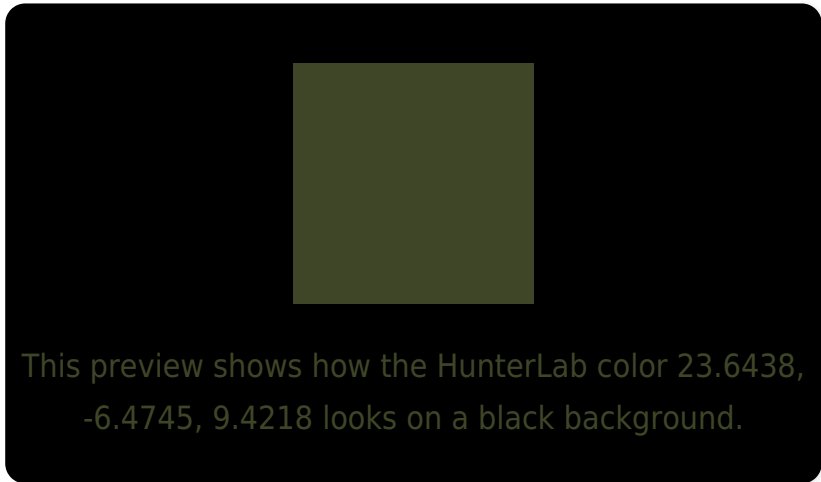
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

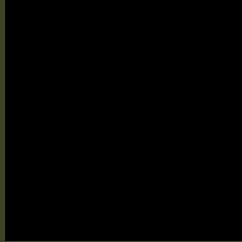
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

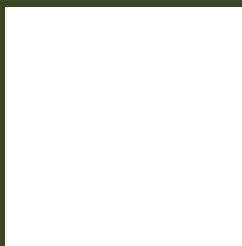
Any Text WCAG AAA × Fail

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

HunterLab 23.6438, -6.4745, 9.4218 Background



This preview shows how black text looks on a background with the HunterLab color 23.6438, -6.4745, 9.4218.

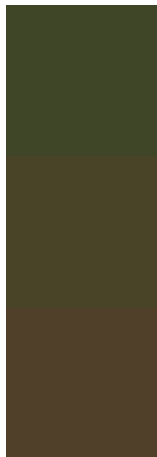


This preview shows how white text looks on a background with the HunterLab color 23.6438, -6.4745, 9.4218.

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

23.6438, -6.4745, 9.4218

Protanopia

23.6162, -2.6219, 9.6874

Deuteranopia

23.6140, 1.2102, 9.3048



Tritanopia

23.5746, -0.1210, -0.8948

Trichromacy



Original Color

23.6438, -6.4745, 9.4218

Protanomaly

23.5498, -4.1659, 9.6059

Deuteranomaly

23.4784, -1.7622, 9.1388

Tritanomaly

23.4495, -2.4469, 3.5978

Monochromacy



Original Color

23.6438, -6.4745, 9.4218

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.9396, -3.1663, 4.7379

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6438, -6.4745, 9.4218 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, 70, 40)` looks like.

```
.text, #text, p{  
    color:rgb(63, 70, 40)  
}
```

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, 70, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 70, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6438, -6.4745, 9.4218 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, 70, 40) }
```


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

```
.border{ border-color:rgb(63, 70, 40) }
```

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

Here you see how a box with a 4 pixel rgb(63, 70, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 70, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 70, 40);  
box-shadow:4px 4px 4px 4px rgb(63, 70, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6438, -6.4745, 9.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 70, 40) }
```

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

```
.background{ background-color: rgb(63, 70,  
40) }
```

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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