

Converting Colors

HunterLab(23.8507, -10.5893,
4.6658)

Have a look what the booklet for
HunterLab(23.8507, -10.5893,
4.6658) contains.

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Color

**HunterLab(23.8648,
-10.5932, 4.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4A3A
RGB	42, 74, 58
RGB Percent	16%, 29%, 23%
CMY	0.8353, 0.7098, 0.7725
CMYK	0.43, 0.00, 0.22, 0.71
HSL	150°, 28%, 23%
HSV	150°, 43%, 29%
XYZ	4.1673, 5.6953, 4.8826
YIQ	62.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

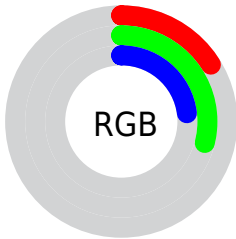
Format	Color
RYB	42, 63, 74
Decimal	2771514
CIELab	28.63, -16.06, 5.89
CIELCh	29, 17.110, 159.849
Yxy	5.6955, 0.2826, 0.3862
Android (android.graphics.Color)	4280961594 (0xFF2A4A3A)
YUV	62.6080, -2.2717, -18.0732
Hunter-Lab	23.8648, -10.5932, 4.5749

Details

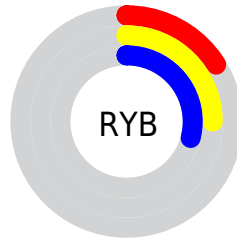
The HunterLab color **23.8648, -10.5932, 4.5749** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.4862, 10.2886, -1.2681**, and the grayscale version is **22.1704, -1.1830, 1.2046**.

A 20% lighter version of the original color is **41.6049, -13.8051, 6.3495**, and **9.8134, -7.1603, 3.1912** is the 20% darker color. If you saturate the color by 10%, you get **23.4890, -12.2171, 5.3569**, and if you desaturate by 10%, it is **24.3008, -8.7649, 3.8059**.

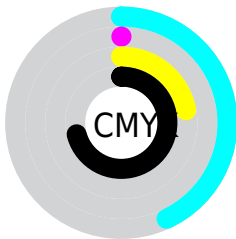
Distribution



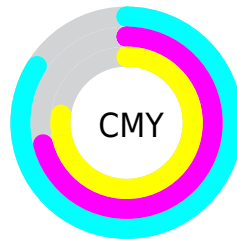
- Red (16%)
- Green (29%)
- Blue (23%)



- Red (16%)
- Yellow (25%)
- Blue (29%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8648, -10.5932, 4.5749 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 23.8648, -10.5932, 4.5749 by changing the saturation by 10% instead.

■ 23.8648, -10.5932,
4.5749

■ 23.8648, -10.5932,
4.5749

125.0346,
-23.8102, 12.8002

■ 16.3121, -8.8783,
3.7088

■ 41.5885, -13.7359,
6.3028

■ 9.7844, -7.7081,
3.0419

■ 51.6049, -15.2274,
7.1806

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3170, -16.6886,
8.0730

0.0000, NaN, NaN

■ 73.6822, -18.1297,
8.9820

0.0000, NaN, NaN

■ 85.6649, -19.5579,
9.9086

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.2349, -20.9782,

111.3658,
-22.3947, 11.8174

■ 23.8648, -10.5932,
4.5749

■ 23.8648, -10.5932,
4.5749

■ 23.4890, -12.2171,
5.3569

■ 24.3008, -8.7649,
3.8059

■ 23.1712, -13.6260,
6.1432

■ 24.7954, -6.7443,
3.0563

■ 22.9103, -14.8152,
6.9255

■ 25.3485, -4.5475,
2.3323

■ 22.7040, -15.7853,
7.6951

■ 25.9589, -2.1916,
1.6393

■ 22.5385, -16.5858,
8.4335

■ 26.6250, 0.3056,
0.9811

■ 22.4306, -17.1085,
8.8959

■ 27.3450, 2.9263,
0.3607

■ 28.1168, 5.6537,
-0.2200

■ 28.9381, 8.4718,
-0.7598

■ 29.8067, 11.3662,
-1.2584

Harmonies

Analogous

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



23.8653, -7.8101, 7.9188



23.8648, -10.5932, 4.5749



23.8653, -11.0134, -0.5266

Triad

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



23.8653, -10.5935, 4.5752



23.8653, 0.6015, -11.2067



23.8653, 7.5987, 6.9905

Complementary

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



23.8648, -10.5932, 4.5749



18.4862, 10.2886, -1.2681

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.



23.8653, 10.3295, 2.9909



23.8648, -10.5932, 4.5749



23.8653, 6.0498, -8.0145

Square

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



23.8653, -10.5935, 4.5752



23.8653, -4.8835, -10.5029



23.8653, 9.7378, -2.5194



23.8653, 2.5623, 9.0732

Rectangle

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



23.8648, -10.5932, 4.5749



23.8653, -9.9407, -4.4029



23.8653, 9.7378, -2.5194



23.8653, 8.8370, 5.8689

Sweetspot

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



23.8653, -10.5935, 4.5752



33.4338, -6.0814, 3.1030



24.4552, -8.9073, 9.6024



16.7402, -3.2414, 1.6171



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.8653, -10.5935, 4.5752



30.9641, -16.2813, 7.1519



24.2431, -8.3945, -0.8239



13.7079, -1.8710, 1.0774



31.2118, -24.0304, 12.8628



75.8602, -59.2525, 33.0905

Inverse Universe

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



18.4862, 10.2886, -1.2681



22.3477, 17.4135, -2.0576



18.1188, 8.4838, 3.9802



13.0950, 0.4810, 0.3975



17.5038, 31.3413, 0.7248



42.3940, 75.5074, 4.8644

Previews

White Background



This preview shows how the HunterLab color 23.8648, -10.5932, 4.5749 looks on a white background.

Color Contrast Check

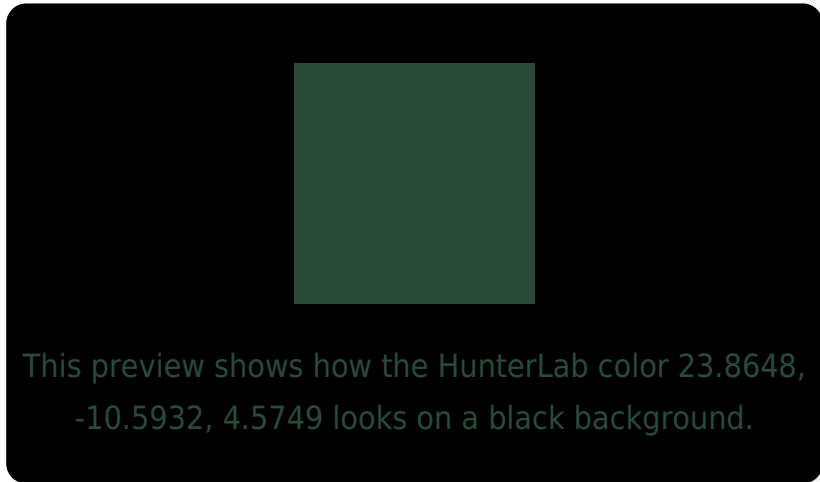
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8648, -10.5932, 4.5749 Background



This preview shows how black text looks on a background with the HunterLab color 23.8648, -10.5932, 4.5749.



This preview shows how white text looks on a background with the HunterLab color 23.8648,

-10.5932, 4.5749.

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

23.8648, -10.5932, 4.5749

Protanopia

23.7271, -1.6857, 5.5591

Deuteranopia

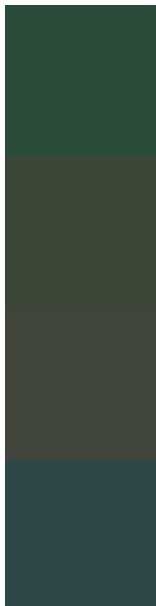
23.7557, 1.1550, 3.9888



Tritanopia

23.7627, -5.7903, -2.9774

Trichromacy



Original Color

23.8648, -10.5932, 4.5749

Protanomaly

23.7202, -5.6344, 5.1659

Deuteranomaly

23.5372, -3.4922, 4.0196

Tritanomaly

23.7378, -7.6647, 0.0203

Monochromacy



Original Color

23.8648, -10.5932, 4.5749

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.7232, -5.0055, 2.3949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8648, -10.5932, 4.5749 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(42, 74, 58)` looks like.

```
.text, #text, p{  
    color:rgb(42, 74, 58)  
}
```

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(42, 74, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 74, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8648, -10.5932, 4.5749 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(42, 74, 58) }
```


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

```
.border{ border-color:rgb(42, 74, 58) }
```

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

Here you see how a box with a 4 pixel rgb(42, 74, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 74, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 74, 58);  
box-shadow:4px 4px 4px 4px rgb(42, 74, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8648, -10.5932, 4.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 74, 58) }
```

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

```
.background{ background-color: rgb(42, 74,  
58) }
```

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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