

Converting Colors

HunterLab(48.3425, -12.4424,
24.6666)

Have a look what the booklet for
HunterLab(48.3425, -12.4424,
24.6666) contains.

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Color

**HunterLab(48.2340,
-12.0942, 24.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	86893A
RGB	134, 137, 58
RGB Percent	53%, 54%, 23%
CMY	0.4745, 0.4627, 0.7725
CMYK	0.02, 0.00, 0.58, 0.46
HSL	62°, 41%, 38%
HSV	62°, 58%, 54%
XYZ	19.5409, 23.2652, 7.4637
YIQ	127.0970, 23.5710, -25.2050

Conversions

Conversions Part 2

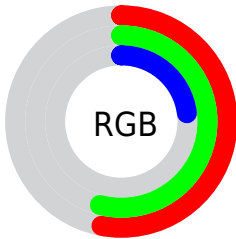
Format	Color
RYB	58, 137, 61
Decimal	8816954
CIELab	55.35, -12.42, 41.16
CIELCh	55, 42.989, 106.791
Yxy	23.2663, 0.3887, 0.4628
Android (android.graphics.Color)	4287007034 (0xFF86893A)
YUV	127.0970, -34.0648, 6.0539
Hunter-Lab	48.2340, -12.0942, 24.5893

Details

The HunterLab color $48.2340, -12.0942, 24.5893$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $24.1348, 16.5890, -42.9819$, and the grayscale version is $46.2303, -2.4667, 2.5118$.

A 20% lighter version of the original color is $69.8058, -14.4897, 30.7102$, and $29.3619, -9.3432, 17.6391$ is the 20% darker color. If you saturate the color by 10%, you get $48.0647, -12.9758, 26.4139$, and if you desaturate by 10%, it is $48.4434, -11.0046, 22.2165$.

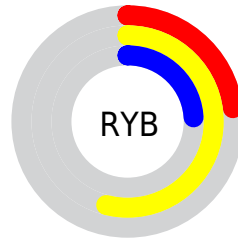
Distribution



Red (53%)

Green (54%)

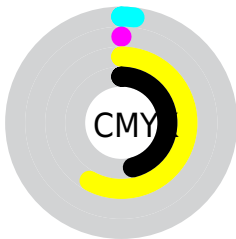
Blue (23%)



Red (23%)

Yellow (54%)

Blue (24%)

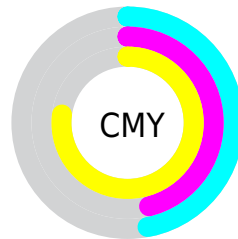


Cyan (2%)

Magenta (0%)

Yellow (58%)

Black (46%)



Cyan (47%)

Magenta (46%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2340, -12.0942, 24.5893 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 48.2340, -12.0942, 24.5893 by changing the saturation by 10% instead.

48.2340, -12.0942,
24.5893

48.2340, -12.0942,
24.5893

164.0395,
-23.4064, 49.3202

38.4581, -10.8225,
21.2608

69.8786, -14.6005,
30.7325

29.4488, -9.5206,
17.7013

81.6620, -15.8454,
33.6111

21.2792, -8.1703,
14.4001

94.0421, -17.0909,
36.3922

14.0468, -6.7364,
9.8327

106.9914,
-18.3399, 39.0926

7.6928, -7.4455,
5.3849

120.4858,
-19.5946, 41.7259

0.0000, NaN, NaN

0.0000, NaN, NaN

134.5043,

-20.8564, 44.3027

0.0000, NaN, NaN

149.0279,
-22.1267, 46.8317

0.0000, NaN, NaN

■ 48.2340, -12.0942,
24.5893

■ 48.2340, -12.0942,
24.5893

■ 48.0647, -12.9758,
26.4139

■ 48.4434, -11.0046,
22.2165

■ 47.9295, -13.6582,
27.7251

■ 48.6920, -9.6921,
19.2667

■ 47.8262, -14.1606,
28.5699

■ 48.9826, -8.1511,
15.7204

■ 47.7475, -14.5232,
29.0534

■ 49.3168, -6.3770,
11.5646

■ 47.7299, -14.6036,
29.1553

■ 49.6959, -4.3678,
6.7926

■ 50.1208, -2.1235,
1.4034

■ 50.5920, 0.3536,
-4.5985

■ 51.1101, 3.0597,
-11.2041

■ 51.6753, 5.9892,
-18.3999

Harmonies

Analogous

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



48.2351, 5.5187, 24.8216



48.2340, -12.0942, 24.5893



48.2351, -25.1284, 20.0559

Triad

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



48.2351, -12.0958, 24.5897



48.2351, -23.8961, -27.7456



48.2351, 35.5885, -5.4457

Complementary

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



48.2340, -12.0942, 24.5893



24.1348, 16.5890, -42.9819

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.



48.2351, 25.0732, -25.5012



48.2340, -12.0942, 24.5893



48.2351, -10.1703, -41.1979

Square

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



48.2351, -12.0958, 24.5897



48.2351, -31.2314, -7.7900



48.2351, 7.7440, -40.2529



48.2351, 34.8731, 11.1368

Rectangle

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



48.2340, -12.0942, 24.5893



48.2351, -30.2395, 13.8006



48.2351, 7.7440, -40.2529



48.2351, 33.1919, -12.0932

Sweetspot

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



48.2351, -12.0958, 24.5897



66.0083, -8.4603, 15.3027



29.8713, 23.7970, 10.8772



31.2237, -4.2066, 7.7184



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



48.2351, -12.0958, 24.5897



64.2626, -17.6510, 35.9156



45.4135, -22.8117, 22.3577



24.1566, -2.2791, 3.6719



46.0659, -14.0892, 28.1390



3.7732, -1.0792, 2.3061

Inverse Universe

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



24.1348, 16.5890, -42.9819



26.3818, 30.5106, -78.4605



27.4767, 25.3215, -33.6979



22.1376, -0.1091, -1.3747



13.0956, 35.2735, -91.1241



1.1148, 2.9117, -7.0510

Previews

White Background



This preview shows how the HunterLab color 48.2340, -12.0942, 24.5893 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.2340, -12.0942, 24.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

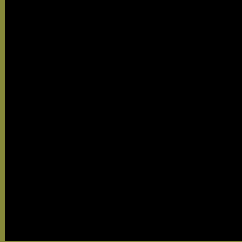
Any Text WCAG AA ✓ Pass

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 48.2340, -12.0942, 24.5893 Background



This preview shows how black text looks on a background with the HunterLab color 48.2340, -12.0942, 24.5893.



This preview shows how white text looks on a background with the HunterLab color 48.2340,

-12.0942, 24.5893.

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

48.2340, -12.0942, 24.5893

Protanopia

48.2426, -6.1365, 24.8621

Deuteranopia

48.1156, 3.3975, 24.2679



Tritanopia

48.2860, 2.9854, -0.1867

Trichromacy



Original Color

48.2340, -12.0942, 24.5893

Protanomaly

48.0587, -8.2625, 24.6934

Deuteranomaly

48.0248, -2.5143, 24.2709

Tritanomaly

48.0804, -3.5299, 11.3740

Monochromacy



Original Color

48.2340, -12.0942, 24.5893

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.8377, -6.8107, 12.8296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2340, -12.0942, 24.5893 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(134, 137, 58)` looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 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(134, 137, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2340, -12.0942, 24.5893 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(134, 137, 58) }
```


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

```
.border{ border-color:rgb(134, 137, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 137, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 58);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2340, -12.0942, 24.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 137, 58) }
```

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

```
.background{ background-color: rgb(134,  
137, 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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