

Converting Colors

HunterLab(48.6802, -2.4473,
3.7596)

Have a look what the booklet for
HunterLab(48.6802, -2.4473, 3.7596)
contains.

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Color

HunterLab(48.5434, -2.3043,
3.6455)

Conversions

Conversions Part 1

Format	Color
Hex	878583
RGB	135, 133, 131
RGB Percent	53%, 52%, 51%
CMY	0.4706, 0.4784, 0.4863
CMYK	0.00, 0.01, 0.03, 0.47
HSL	30°, 2%, 52%
HSV	30°, 3%, 53%
XYZ	22.4759, 23.5646, 24.8365
YIQ	133.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

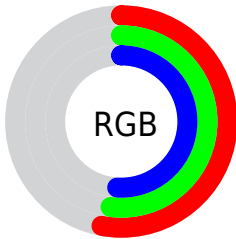
Format	Color
R_{YB}	135, 135, 131
Decimal	8881539
CIE Lab	55.65, 0.36, 1.33
CIE LCh	56, 1.381, 74.942
Yxy	23.5656, 0.3171, 0.3325
Android (android.graphics.Color)	4287071619 (0xFF878583)
YUV	133.3700, -1.1684, 1.4295
Hunter-Lab	48.5434, -2.3043, 3.6455

Details

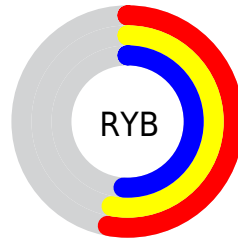
The HunterLab color $48.5434, -2.3043, 3.6455$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.3211, -2.8470, 1.6002$, and the grayscale version is $48.5816, -2.5922, 2.6395$.

A 20% lighter version of the original color is $70.1925, -3.4435, 4.8881$, and $29.8012, -1.6015, 2.4538$ is the 20% darker color. If you saturate the color by 10%, you get $46.2988, -1.1140, 6.7594$, and if you desaturate by 10%, it is $50.8544, -3.3327, 0.2809$.

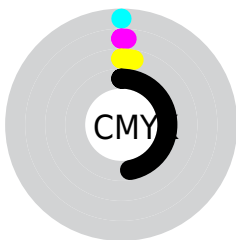
Distribution



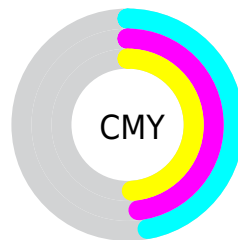
- Red (53%)
- Green (52%)
- Blue (51%)



- Red (53%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5434, -2.3043, 3.6455 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 48.5434, -2.3043, 3.6455 by changing the saturation by 10% instead.

■ 48.5434, -2.3043,
3.6455

■ 48.5434, -2.3043,
3.6455

■ 164.5044, -8.3551,
10.4714

■ 38.7450, -1.8028,
3.0385

■ 70.2285, -3.4261,
4.9608

■ 29.7113, -1.3429,
2.4660

■ 82.0306, -4.0392,
5.6647

■ 21.5149, -0.9299,
1.9305

■ 94.4284, -4.6850,
6.3980

■ 14.2521, -0.5700,
1.4339

■ 107.3946, -5.3619,
7.1597

■ 7.9090, -0.2248,
1.1293

■ 120.9054, -6.0684,
7.9487

0.0000, NaN, NaN

■ 134.9395, -6.8035,

0.0000, NaN, NaN

8.7642

0.0000, NaN, NaN

149.4781, -7.5660,
9.6053

0.0000, NaN, NaN

■ 48.5434, -2.3043,
3.6455

■ 48.5434, -2.3043,
3.6455

■ 46.2988, -1.1140,
6.7594

■ 50.8544, -3.3327,
0.2809

■ 44.1227, 0.2547,
9.5937

■ 53.2239, -4.2084,
-3.3125

■ 42.0220, 1.8130,
12.1196

■ 55.6487, -4.9446,
-7.1126

■ 40.0029, 3.5724,
14.3056

■ 58.1250, -5.5527,
-11.1005

■ 38.0723, 5.5418,
16.1189

■ 60.6493, -6.0434,
-15.2595

■ 36.2376, 7.7264,
17.5274

■ 63.2187, -6.4263,
-19.5749

■ 34.5063, 10.1249,
18.5027

■ 65.8302, -6.7103,
-24.0338

■ 32.8858, 12.7268,
19.0254

■ 68.4815, -6.9035,
-28.6248

■ 31.3830, 15.5083,
19.0942

■ 71.1702, -7.0133,
-33.3379

Harmonies

Analogous

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



48.5444, -1.8084, 3.3789



48.5434, -2.3043, 3.6455



48.5444, -2.8773, 3.6468

Triad

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



48.5444, -2.3055, 3.6463



48.5444, -3.6555, 2.3707



48.5444, -1.8100, 1.8927

Complementary

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



48.5434, -2.3043, 3.6455



48.3211, -2.8470, 1.6002

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.



48.5444, -2.3076, 1.6161



48.5434, -2.3043, 3.6455



48.5444, -3.3723, 1.8942

Square

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



48.5444, -2.3055, 3.6463



48.5444, -3.6550, 2.9146



48.5444, -2.8795, 1.6166



48.5444, -1.5214, 2.3686

Rectangle

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



48.5434, -2.3043, 3.6455



48.5444, -3.2239, 3.4960



48.5444, -2.8795, 1.6166



48.5444, -1.9585, 1.7731

Sweetspot

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



48.5444, -2.3055, 3.6463



65.5556, -3.3686, 4.0309



48.0388, -1.0511, 2.1950



31.5579, -1.6258, 1.9253



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.



48.5444, -2.3055, 3.6463



64.6193, -2.9169, 5.3664



49.1099, -3.2431, 4.2803



22.9506, -1.0132, 1.9814



29.2274, 16.7034, 18.3022



2.1016, 0.2102, 1.2987

Inverse Universe

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



48.3211, -2.8470, 1.6002



64.2072, -3.9159, 1.5909



47.7572, -1.9078, 0.9371



22.7873, -1.4091, 0.4850



23.2107, 4.9068, -39.6038



1.8230, -0.4688, -1.2665

Previews

White Background



This preview shows how the HunterLab color 48.5434, -2.3043, 3.6455 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 48.5434, -2.3043, 3.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

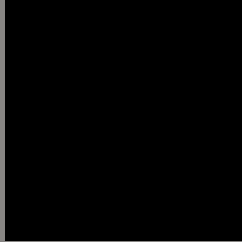
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

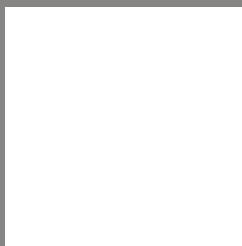
Any Text WCAG AAA × Fail

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

HunterLab 48.5434, -2.3043, 3.6455 Background



This preview shows how black text looks on a background with the HunterLab color 48.5434, -2.3043, 3.6455.



This preview shows how white text looks on a background with the HunterLab color 48.5434, -2.3043, 3.6455.

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

48.5434, -2.3043, 3.6455

Protanopia

48.6292, -2.0067, 3.7498

Deuteranopia

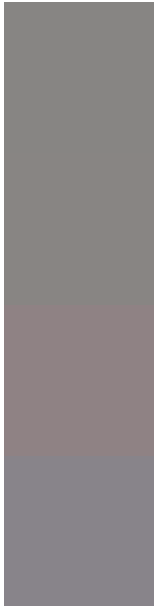
48.5484, 3.4575, 3.3161



Tritanopia

48.4809, 1.0023, -1.4057

Trichromacy



Original Color

48.5434, -2.3043, 3.6455

Protanomaly

48.6292, -2.0067, 3.7498

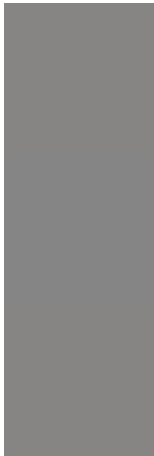
Deuteranomaly

48.4467, 1.7116, 3.1669

Tritanomaly

48.5507, -0.4320, 0.5458

Monochromacy



Original Color

48.5434, -2.3043, 3.6455

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.4864, -2.4462, 3.1404

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5434, -2.3043, 3.6455 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(135, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 133, 131)  
}
```

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(135, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 133, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5434, -2.3043, 3.6455 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(135, 133, 131) }
```


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

```
.border{ border-color:rgb(135, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 133,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5434, -2.3043, 3.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 133, 131) }
```

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

```
.background{ background-color: rgb(135,  
133, 131) }
```

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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