

Converting Colors

HunterLab(48.4572, 2.8075,
-17.8022)

Have a look what the booklet for
HunterLab(48.4572, 2.8075,
-17.8022) contains.

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Color

**HunterLab(48.3964, 2.8334,
-17.9437)**

Conversions

Conversions Part 1

Format	Color
Hex	7B83AC
RGB	123, 131, 172
RGB Percent	48%, 51%, 67%
CMY	0.5176, 0.4863, 0.3255
CMYK	0.28, 0.24, 0.00, 0.33
HSL	230°, 23%, 58%
HSV	230°, 28%, 67%
XYZ	23.7311, 23.4221, 42.2999
YIQ	133.2820, -17.9290, 11.0550

Conversions

Conversions Part 2

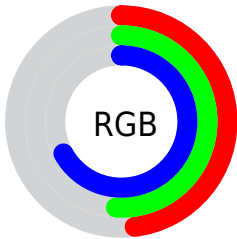
Format	Color
R_{YB}	123, 130, 172
Decimal	8094636
CIE _{Lab}	55.51, 6.63, -22.65
CIE _{LCh}	56, 23.601, 286.328
Yxy	23.4230, 0.2653, 0.2618
Android (android.graphics.Color)	4286284716 (0xFF7B83AC)
YUV	133.2820, 19.0880, -9.0173
Hunter-Lab	48.3964, 2.8334, -17.9437

Details

The HunterLab color $48.3964, 2.8334, -17.9437$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $60.6233, -6.3806, 18.9166$, and the grayscale version is $48.4748, -2.5865, 2.6337$.

A 20% lighter version of the original color is $70.0803, 2.2899, -18.8743$, and $29.6768, 3.1318, -17.1590$ is the 20% darker color. If you saturate the color by 10%, you get $43.2004, 5.7271, -26.8463$, and if you desaturate by 10%, it is $53.7989, 0.3515, -9.8571$.

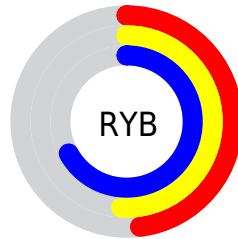
Distribution



Red (48%)

Green (51%)

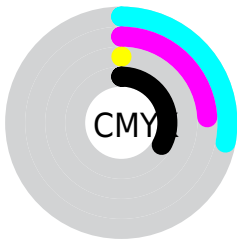
Blue (67%)



Red (48%)

Yellow (51%)

Blue (67%)

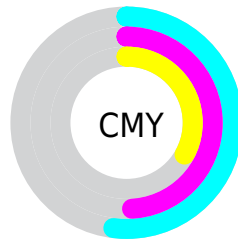


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3964, 2.8334, -17.9437 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 48.3964, 2.8334, -17.9437 by changing the saturation by 10% instead.

■ 48.3964, 2.8334,
-17.9437

■ 48.3964, 2.8334,
-17.9437

164.2834, -0.7289,
-19.0989

■ 38.6085, 2.9800,
-17.5227

■ 70.0621, 2.3581,
-18.5964

■ 29.5864, 3.0561,
-17.0485

■ 81.8553, 2.0423,
-18.8306

■ 21.4028, 3.0486,
-16.5447

■ 94.2447, 1.6800,
-19.0062

■ 14.1544, 2.9387,
-16.0880

107.2029, 1.2746,
-19.1259

■ 7.8070, 3.2863,
-16.5591

120.7059, 0.8288,
-19.1924

0.0000, NaN, -NF

0.0000, NaN, NaN

134.7326, 0.3450,

-19.2085

0.0000, NaN, NaN

149.2641, -0.1749,
-19.1766

0.0000, NaN, NaN

■ 48.3964, 2.8334,
-17.9437

■ 48.3964, 2.8334,
-17.9437

■ 43.2004, 5.7271,
-26.8463

■ 53.7989, 0.3515,
-9.8571

■ 38.2475, 9.1439,
-36.7751

■ 59.3757, -1.8036,
-2.4183

■ 33.5926, 13.2142,
-47.9561

■ 65.1056, -3.6995,
4.5093

■ 29.3105, 18.0711,
-60.5737

■ 70.9715, -5.3874,
11.0320

■ 25.5038, 23.7883,
-74.6035

■ 76.9596, -6.9071,
17.2322

■ 22.3061, 30.2332,
-89.4685

■ 83.0589, -8.2894,
23.1745

■ 19.8424, 36.7928,
-103.7531

■ 89.2605, -9.5582,
28.9094

■ 19.5271, 37.7107,
-105.8139

■ 94.9910, -12.7405,
33.9488

■ 97.8563, -17.2095,
36.3494

Harmonies

Analogous

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



48.3974, -6.9633, -18.2448



48.3964, 2.8334, -17.9437



48.3974, 11.8279, -11.4663

Triad

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



48.3974, 2.8328, -17.9427



48.3974, 11.1412, 13.8988



48.3974, -19.5832, 6.6867

Complementary

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



48.3964, 2.8334, -17.9437



60.6233, -6.3806, 18.9166

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.



48.3974, -15.4866, 13.4592



48.3964, 2.8334, -17.9437



48.3974, 1.9548, 17.0274

Square

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



48.3974, 2.8328, -17.9427



48.3974, 16.8797, 7.4122



48.3974, -7.7744, 16.8844



48.3974, -19.3892, -2.6864

Rectangle

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



48.3964, 2.8334, -17.9437



48.3974, 15.9303, -5.1380



48.3974, -7.7744, 16.8844



48.3974, -18.6771, 9.2993

Sweetspot

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



48.3974, 2.8328, -17.9427



79.4600, -2.2456, -3.9090



60.3248, -17.9610, 2.4150



36.5423, -0.8647, -2.4645



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.3974, 2.8328, -17.9427



60.8654, 6.1273, -31.3609



47.6056, 11.3036, -19.0775



28.2147, -0.7840, -1.4411



17.0099, 31.9343, -90.1978



3.7816, 2.5783, -10.2926

Inverse Universe

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



49.5742, 14.7608, 5.1236



62.9933, 25.3945, 7.7152



61.6200, -15.2130, 19.6726



28.3477, 1.1226, 1.8375



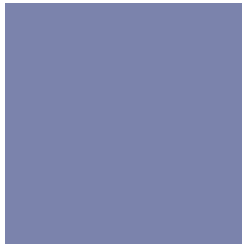
25.6810, 44.2455, 14.5321



4.3564, 7.6489, 1.3538

Previews

White Background



This preview shows how the HunterLab color 48.3964, 2.8334, -17.9437 looks on a white background.

Color Contrast Check

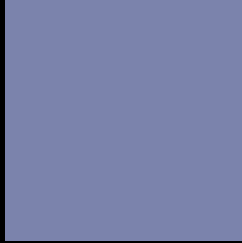
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3964, 2.8334, -17.9437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

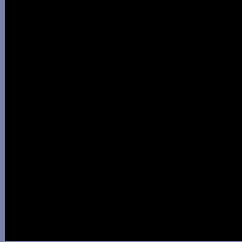
Any Text WCAG AA ✓ Pass

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 48.3964, 2.8334, -17.9437 Background



This preview shows how black text looks on a background with the HunterLab color 48.3964, 2.8334, -17.9437.



This preview shows how white text looks on a background with the HunterLab color 48.3964, 2.8334, -17.9437.

-17.9437.

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

48.3964, 2.8334, -17.9437

Protanopia

48.3205, 2.5778, -18.0700

Deuteranopia

48.2740, 3.8441, -18.1227



Tritanopia

48.5131, -5.9240, -3.4453

Trichromacy



Original Color

48.3964, 2.8334, -17.9437

Protanomaly

48.3205, 2.5778, -18.0700

Deuteranomaly

48.1964, 3.5842, -18.2523

Tritanomaly

48.3837, -2.8171, -8.2360

Monochromacy



Original Color

48.3964, 2.8334, -17.9437

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.2455, -0.9207, -4.2104

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3964, 2.8334, -17.9437 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(123, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 172)  
}
```

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(123, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3964, 2.8334, -17.9437 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(123, 131, 172) }
```


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

```
.border{ border-color:rgb(123, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3964, 2.8334, -17.9437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 172) }
```

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

```
.background{ background-color: rgb(123,  
131, 172) }
```

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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