

Converting Colors

HunterLab(48.8577, -18.0653,
1.0072)

Have a look what the booklet for
HunterLab(48.8577, -18.0653,
1.0072) contains.

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Color

**HunterLab(48.7636,
-17.9129, 0.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	579089
RGB	87, 144, 137
RGB Percent	34%, 56%, 54%
CMY	0.6588, 0.4353, 0.4627
CMYK	0.40, 0.00, 0.05, 0.44
HSL	173°, 25%, 45%
HSV	173°, 40%, 56%
XYZ	18.4191, 23.7789, 27.2859
YIQ	126.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

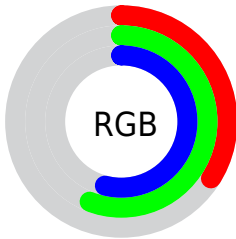
Format	Color
R_{YB}	87, 117, 144
Decimal	5738633
CIE _{Lab}	55.87, -20.42, -2.19
CIE _{LCh}	56, 20.540, 186.108
Yxy	23.7798, 0.2651, 0.3422
Android (android.graphics.Color)	4283928713 (0xFF579089)
YUV	126.1590, 5.3446, -34.3424
Hunter-Lab	48.7636, -17.9129, 0.9585

Details

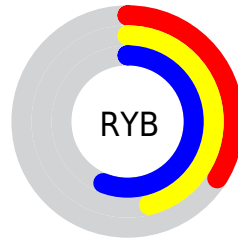
The HunterLab color $48.7636, -17.9129, 0.9585$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $36.8164, 17.6591, 5.9400$, and the grayscale version is $45.7286, -2.4400, 2.4845$.

A 20% lighter version of the original color is $70.4850, -21.2818, 2.0821$, and $29.7895, -14.2153, 0.1611$ is the 20% darker color. If you saturate the color by 10%, you get $48.0667, -20.6858, 0.8767$, and if you desaturate by 10%, it is $49.5930, -14.6972, 1.2048$.

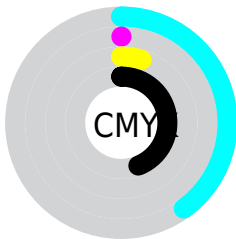
Distribution



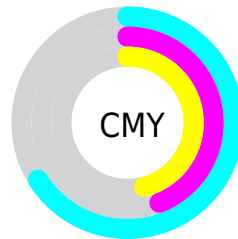
- Red (34%)
- Green (56%)
- Blue (54%)



- Red (34%)
- Yellow (46%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7636, -17.9129, 0.9585 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 48.7636, -17.9129, 0.9585 by changing the saturation by 10% instead.

■ 48.7636, -17.9129,
0.9585

■ 48.7636, -17.9129,
0.9585

164.8349,
-32.6508, 6.4530

■ 38.9492, -16.1301,
0.5428

■ 70.4774, -21.3279,
1.9269

■ 29.8982, -14.2674,
0.1775

■ 82.2927, -22.9856,
2.4716

■ 21.6828, -12.2878,
-0.1300

■ 94.7031, -24.6220,
3.0532

■ 14.3985, -10.1258,
-0.3701

■ 107.6814,
-26.2429, 3.6697

■ 8.0590, -11.4733,
-0.6854

■ 121.2036,
-27.8530, 4.3194

0.0000, NaN, NaN

135.2489,

0.0000, NaN, NaN

-29.4559, 5.0007

0.0000, NaN, NaN

149.7983,
-31.0544, 5.7123

0.0000, NaN, NaN

■ 48.7636, -17.9129,
0.9585

■ 48.7636, -17.9129,
0.9585

■ 48.0667, -20.6858,
0.8767

■ 49.5930, -14.6972,
1.2048

■ 47.4965, -23.0030,
0.9542

■ 50.5531, -11.0579,
1.6132

■ 47.0489, -24.8658,
1.1844

■ 51.6444, -7.0237,
2.1811

■ 46.7163, -26.2886,
1.5560

■ 52.8650, -2.6278,
2.9024

■ 46.4882, -27.3020,
2.0529

■ 54.2117, 2.0936,
3.7691

■ 46.3331, -28.0252,
2.6328

■ 55.6809, 7.1033,
4.7719

■ 46.3269, -28.0545,
2.6570

■ 57.2678, 12.3648,
5.9006

■ 58.9675, 17.8430,
7.1446

■ 60.7748, 23.5059,
8.4935

Harmonies

Analogous

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



48.7646, -16.7579, 8.5790



48.7636, -17.9129, 0.9585



48.7646, -15.2012, -7.5020

Triad

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



48.7646, -17.9134, 0.9592



48.7646, 7.4778, -11.7635



48.7646, 4.2417, 14.9085

Complementary

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



48.7636, -17.9129, 0.9585



36.8164, 17.6591, 5.9400

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.



48.7646, 11.4166, 11.0083



48.7636, -17.9129, 0.9585



48.7646, 13.3733, -4.1217

Square

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



48.7646, -17.9134, 0.9592



48.7646, -0.8412, -15.6190



48.7646, 14.8621, 4.2908



48.7646, -4.3432, 15.7962

Rectangle

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



48.7636, -17.9129, 0.9585



48.7646, -11.4467, -12.2112



48.7646, 14.8621, 4.2908



48.7646, 6.9162, 13.9436

Sweetspot

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



48.7646, -17.9134, 0.9592



68.1831, -10.8034, 2.6755



48.0074, -23.1385, 18.0404



32.5712, -5.4681, 1.2384



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.7646, -17.9134, 0.9592



63.9731, -26.9162, 1.1675



42.6982, -7.5806, -10.4622



24.7085, -3.2743, 1.0553



43.2330, -26.1632, 2.4414



4.2517, -2.4111, -0.1094

Inverse Universe

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



36.8164, 17.6591, 5.9400



45.1997, 29.4944, 9.2392



41.6200, 6.8284, 12.9199



23.3114, 0.8157, 1.6061



22.8092, 39.2334, 13.4054



2.2677, 3.9743, 0.7614

Previews

White Background



This preview shows how the HunterLab color 48.7636, -17.9129, 0.9585 looks on a white background.

Color Contrast Check

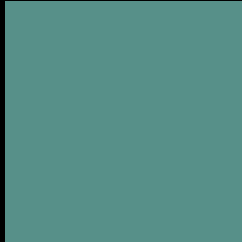
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7636, -17.9129, 0.9585 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

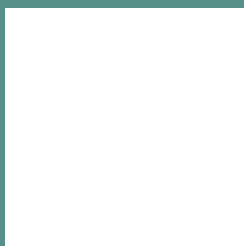
Any Text WCAG AAA × Fail

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

HunterLab 48.7636, -17.9129, 0.9585 Background



This preview shows how black text looks on a background with the HunterLab color 48.7636, -17.9129, 0.9585.



This preview shows how white text looks on a background with the HunterLab color 48.7636,

-17.9129, 0.9585.

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

48.7636, -17.9129, 0.9585

Protanopia

48.6014, -2.1585, 4.1465

Deuteranopia

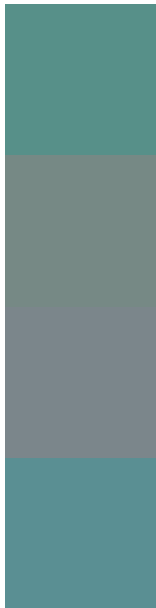
48.4083, 3.4568, -0.4988



Tritanopia

48.8570, -13.3896, -6.7015

Trichromacy



Original Color

48.7636, -17.9129, 0.9585

Protanomaly

48.4111, -8.5774, 2.5036

Deuteranomaly

48.0887, -4.8927, -0.5693

Tritanomaly

48.9134, -15.1471, -3.5847

Monochromacy



Original Color

48.7636, -17.9129, 0.9585

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.7242, -8.8041, 1.8383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7636, -17.9129, 0.9585 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(87, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(87, 144, 137)  
}
```

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(87, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 144, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7636, -17.9129, 0.9585 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(87, 144, 137) }
```


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

```
.border{ border-color:rgb(87, 144, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 144, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(87, 144,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7636, -17.9129, 0.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 144, 137) }
```

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

```
.background{ background-color: rgb(87, 144,  
137) }
```

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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