

Converting Colors

HunterLab(51.9036, -17.0020,
2.8997)

Have a look what the booklet for
HunterLab(51.9036, -17.0020,
2.8997) contains.

HunterLab(51.9036, -17.0020, 2.8997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.9036,
-17.0020, 2.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	67978D
RGB	103, 151, 141
RGB Percent	40%, 59%, 55%
CMY	0.5961, 0.4078, 0.4471
CMYK	0.32, 0.00, 0.07, 0.41
HSL	167°, 19%, 50%
HSV	167°, 32%, 59%
XYZ	21.4678, 26.9398, 29.2677
YIQ	135.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

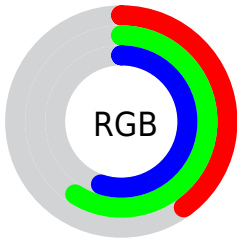
Format	Color
R_{YB}	103, 130, 151
Decimal	6789005
CIE _{Lab}	58.92, -18.43, 0.10
CIE _{LCh}	59, 18.427, 179.700
Yxy	26.9409, 0.2764, 0.3468
Android (android.graphics.Color)	4284979085 (0xFF67978D)
YUV	135.5080, 2.7076, -28.5095
Hunter-Lab	51.9036, -17.0020, 2.8997

Details

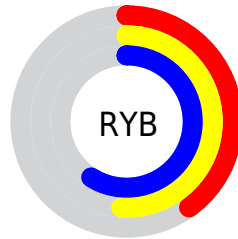
The HunterLab color $[51.9036, -17.0020, 2.8997]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[41.8004, 14.7928, 3.8553]$, and the grayscale version is $[49.4212, -2.6370, 2.6851]$.

A 20% lighter version of the original color is $[73.9396, -19.8122, 3.8140]$, and $[32.5984, -13.7139, 1.8453]$ is the 20% darker color. If you saturate the color by 10%, you get $[51.0243, -20.5182, 3.2059]$, and if you desaturate by 10%, it is $[52.9254, -13.0329, 2.7594]$.

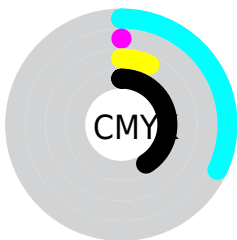
Distribution



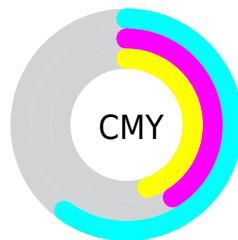
- Red (40%)
- Green (59%)
- Blue (55%)



- Red (40%)
- Yellow (51%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9036, -17.0020, 2.8997 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 51.9036, -17.0020, 2.8997 by changing the saturation by 10% instead.

■ 51.9036, -17.0020,
2.8997

■ 51.9036, -17.0020,
2.8997

169.5202,
-30.8447, 9.3389

■ 41.8675, -15.3646,
2.3489

■ 74.0196, -20.1681,
4.1136

■ 32.5765, -13.6676,
1.8375

■ 86.0197, -21.7162,
4.7712

■ 24.0972, -11.8837,
1.3698

■ 98.6062, -23.2503,
5.4604

■ 16.5165, -9.9650,
0.9503

■ 111.7529,
-24.7752, 6.1800

■ 9.9569, -8.6630,
0.5852

125.4370,
-26.2945, 6.9287

0.0000, NaN, NaN

139.6380,

0.0000, NaN, NaN

-27.8111, 7.7054

0.0000, NaN, NaN

154.3379,
-29.3272, 8.5091

0.0000, NaN, NaN

■ 51.9036, -17.0020,
2.8997

■ 51.9036, -17.0020,
2.8997

■ 51.0243, -20.5182,
3.2059

■ 52.9254, -13.0329,
2.7594

■ 50.2831, -23.5565,
3.6711

■ 54.0860, -8.6400,
2.7839

■ 49.6777, -26.1052,
4.2876

■ 55.3846, -3.8607,
2.9720

■ 49.2023, -28.1653,
5.0428

■ 56.8178, 1.2651,
3.3190

■ 48.8483, -29.7537,
5.9202

■ 58.3815, 6.6965,
3.8182

■ 48.6039, -30.9059,
6.8992

■ 60.0707, 12.3935,
4.4614

■ 48.4552, -31.6416,
7.7403

■ 61.8802, 18.3180,
5.2394

■ 63.8041, 24.4349,
6.1426

■ 65.8367, 30.7128,
7.1611

Harmonies

Analogous

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



51.9047, -15.1567, 9.5520



51.9036, -17.0020, 2.8997



51.9047, -15.2281, -4.7934

Triad

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



51.9047, -17.0027, 2.9004



51.9047, 4.9095, -11.2380



51.9047, 5.0543, 13.7440

Complementary

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



51.9036, -17.0020, 2.8997



41.8004, 14.7928, 3.8553

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.



51.9047, 10.9816, 9.4397



51.9036, -17.0020, 2.8997



51.9047, 10.8946, -4.9428

Square

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



51.9047, -17.0027, 2.9004



51.9047, -2.8513, -13.6572



51.9047, 13.1784, 2.7501



51.9047, -2.6932, 15.2167

Rectangle

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



51.9036, -17.0020, 2.8997



51.9047, -12.1669, -9.3442



51.9047, 13.1784, 2.7501



51.9047, 7.3420, 12.6151

Sweetspot

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



51.9047, -17.0027, 2.9004



72.6422, -10.5796, 3.7509



51.6245, -19.8853, 16.7248



34.5293, -5.4258, 1.7781



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.9047, -17.0027, 2.9004



68.6181, -26.0997, 4.1434



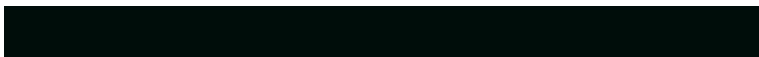
48.0875, -9.2348, -6.6306



26.4660, -3.6267, 1.3701



44.6963, -29.1554, 7.0717



5.5102, -3.2919, 0.2190

Inverse Universe

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



41.8004, 14.7928, 3.8553



52.3943, 25.2305, 5.8241



44.9321, 6.8856, 10.8745



24.9854, 0.9898, 1.4883



23.8475, 41.2161, 12.4902



2.9917, 5.3179, 0.4246

Previews

White Background



This preview shows how the HunterLab color 51.9036, -17.0020, 2.8997 looks on a white background.

Color Contrast Check

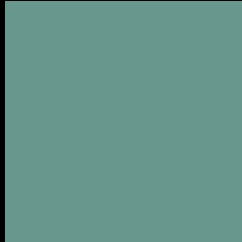
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9036, -17.0020, 2.8997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

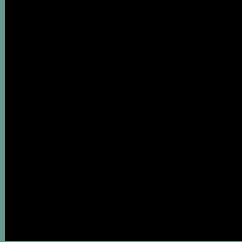
Any Text WCAG AA ✓ Pass

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 51.9036, -17.0020, 2.8997 Background



This preview shows how black text looks on a background with the HunterLab color 51.9036, -17.0020, 2.8997.



This preview shows how white text looks on a background with the HunterLab color 51.9036,

-17.0020, 2.8997.

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

51.9036, -17.0020, 2.8997

Protanopia

51.7868, -2.4741, 5.6248

Deuteranopia

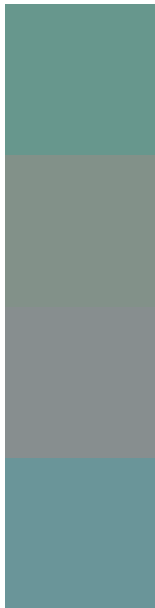
51.7445, 3.6434, 1.7154



Tritanopia

51.8109, -11.4342, -6.3331

Trichromacy



Original Color

51.9036, -17.0020, 2.8997

Protanomaly

51.7714, -8.3802, 4.6506

Deuteranomaly

51.4588, -4.6421, 1.6860

Tritanomaly

51.8256, -13.4024, -2.7775

Monochromacy



Original Color

51.9036, -17.0020, 2.8997

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1695, -8.0117, 2.3580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9036, -17.0020, 2.8997 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(103, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 141)  
}
```

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(103, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9036, -17.0020, 2.8997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

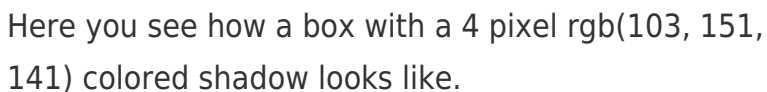
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 151, 141) }
```


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

```
.border{ border-color:rgb(103, 151, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 151, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 151, 141); box-shadow:4px 4px 4px 4px rgb(103, 151, 141) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9036, -17.0020, 2.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 141) }
```

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

```
.background{ background-color: rgb(103,  
151, 141) }
```

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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