

Converting Colors

HunterLab(51.6114, -21.4709,
3.6892)

Have a look what the booklet for
HunterLab(51.6114, -21.4709,
3.6892) contains.

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Color

**HunterLab(51.6175,
-21.4822, 3.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	57998A
RGB	87, 153, 138
RGB Percent	34%, 60%, 54%
CMY	0.6588, 0.4000, 0.4588
CMYK	0.43, 0.00, 0.10, 0.40
HSL	166°, 27%, 47%
HSV	166°, 43%, 60%
XYZ	19.9092, 26.6437, 28.1382
YIQ	131.5560, -34.5210, -18.6570

Conversions

Conversions Part 2

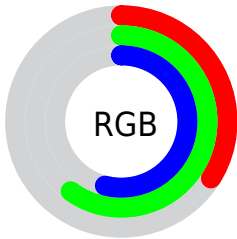
Format	Color
R_{YB}	87, 124, 153
Decimal	5740938
CIE _{Lab}	58.64, -24.79, 1.30
CIE _{LCh}	59, 24.828, 176.990
Y _{xy}	26.6447, 0.2666, 0.3567
Android (android.graphics.Color)	4283931018 (0xFF57998A)
Y _{UV}	131.5560, 3.1769, -39.0756
Hunter-Lab	51.6175, -21.4822, 3.8116

Details

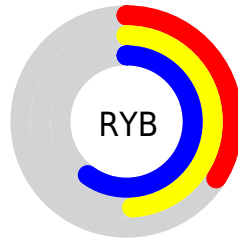
The HunterLab color **51.6175, -21.4822, 3.8116** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **38.1428, 21.9051, 4.3456**, and the grayscale version is **47.8588, -2.5536, 2.6003**.

A 20% lighter version of the original color is **73.7894, -25.6566, 5.4147**, and **32.4510, -17.5148, 2.8211** is the 20% darker color. If you saturate the color by 10%, you get **50.8778, -24.5458, 4.4140**, and if you desaturate by 10%, it is **52.5007, -17.9307, 3.3673**.

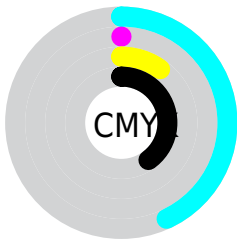
Distribution



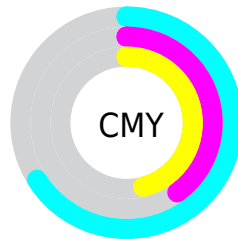
- Red (34%)
- Green (60%)
- Blue (54%)



- Red (34%)
- Yellow (49%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6175, -21.4822, 3.8116 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 51.6175, -21.4822, 3.8116 by changing the saturation by 10% instead.

■ 51.6175, -21.4822,
3.8116

■ 51.6175, -21.4822,
3.8116

169.0955,
-38.0618, 10.7015

■ 41.6012, -19.4361,
3.1960

■ 73.6975, -25.3762,
5.1429

■ 32.3316, -17.2899,
2.6145

■ 85.6810, -27.2543,
5.8543

■ 23.8758, -15.0019,
2.0697

■ 98.2517, -29.1007,
6.5950

■ 16.3213, -12.5012,
1.5634

■ 111.3833,
-30.9225, 7.3637

■ 9.7922, -11.5894,
1.0976

125.0529,
-32.7255, 8.1595

0.0000, NaN, NaN

139.2399,

0.0000, NaN, NaN

-34.5141, 8.9816

0.0000, NaN, NaN

153.9263,
-36.2919, 9.8292

0.0000, NaN, NaN

■ 51.6175, -21.4822,
3.8116

■ 51.6175, -21.4822,
3.8116

■ 50.8778, -24.5458,
4.4140

■ 52.5007, -17.9307,
3.3673

■ 50.2749, -27.1083,
5.1623

■ 53.5259, -13.9124,
3.0854

■ 49.8037, -29.1729,
6.0432

■ 54.6936, -9.4592,
2.9692

■ 49.4549, -30.7585,
7.0385

■ 56.0021, -4.6086,
3.0178

■ 49.2160, -31.9039,
8.1260

■ 57.4481, 0.5989,
3.2278

■ 49.0884, -32.5416,
8.8918

■ 59.0274, 6.1211,
3.5934

■ 60.7350, 11.9169,
4.1070

■ 62.5655, 17.9471,
4.7599

■ 64.5131, 24.1754,
5.5427

Harmonies

Analogous

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



51.6185, -18.6817, 12.2509



51.6175, -21.4822, 3.8116



51.6185, -19.6090, -6.7315

Triad

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



51.6185, -21.4828, 3.8123



51.6185, 6.7699, -17.4993



51.6185, 8.7587, 16.5072

Complementary

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



51.6175, -21.4822, 3.8116



38.1428, 21.9051, 4.3456

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.



51.6185, 16.5794, 10.8184



51.6175, -21.4822, 3.8116



51.6185, 15.3680, -8.8399

Square

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



51.6185, -21.4828, 3.8123



51.6185, -3.8173, -20.3982



51.6185, 19.0891, 1.7867



51.6185, -1.6881, 18.5970

Rectangle

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



51.6175, -21.4822, 3.8116



51.6185, -15.8712, -13.3757



51.6185, 19.0891, 1.7867



51.6185, 11.8130, 15.0164

Sweetspot

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



51.6185, -21.4828, 3.8123



73.1719, -12.7333, 3.9739



51.3029, -24.9347, 20.7549



34.2260, -6.5783, 1.8741



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.



51.6185, -21.4828, 3.8123



68.0953, -32.8063, 5.8969



46.6550, -11.2449, -9.7484



26.4623, -3.6475, 1.4235



44.6318, -29.5479, 7.9997



5.5053, -3.3208, 0.2874

Inverse Universe

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



38.1428, 21.9051, 4.3456



46.6150, 37.0923, 7.1827



41.8128, 11.6488, 13.1823



24.9891, 1.0097, 1.4356



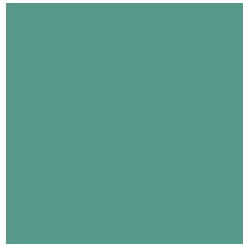
23.8764, 41.3230, 12.0641



3.0005, 5.3501, 0.2981

Previews

White Background



This preview shows how the HunterLab color 51.6175, -21.4822, 3.8116 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 51.6175, -21.4822, 3.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

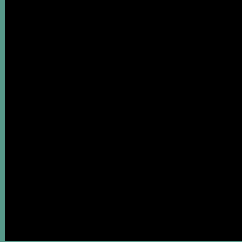
Any Text WCAG AA ✓ Pass

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 51.6175, -21.4822, 3.8116 Background



This preview shows how black text looks on a background with the HunterLab color 51.6175, -21.4822, 3.8116.



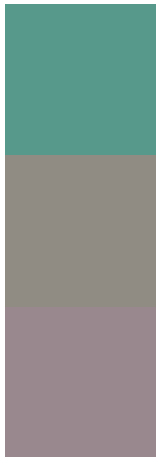
This preview shows how white text looks on a background with the HunterLab color 51.6175,

-21.4822, 3.8116.

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

51.6175, -21.4822, 3.8116

Protanopia

51.3951, -2.5868, 6.8530

Deuteranopia

51.3163, 3.5001, 2.1145



Tritanopia

51.7189, -14.7782, -7.5761

Trichromacy



Original Color

51.6175, -21.4822, 3.8116

Protanomaly

51.2417, -10.4561, 5.2951

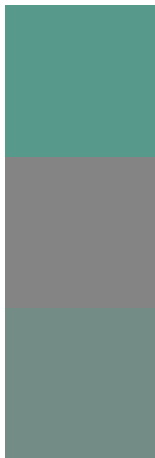
Deuteranomaly

50.9276, -6.6373, 1.9281

Tritanomaly

51.6307, -17.2994, -3.0960

Monochromacy



Original Color

51.6175, -21.4822, 3.8116

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.1837, -10.2797, 2.9381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6175, -21.4822, 3.8116 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, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(87, 153, 138)  
}
```

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, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 153, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6175, -21.4822, 3.8116 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, 153, 138) }
```


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

```
.border{ border-color:rgb(87, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(87, 153,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6175, -21.4822, 3.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 153, 138) }
```

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

```
.background{ background-color: rgb(87, 153,  
138) }
```

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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