

Converting Colors

HunterLab(51.2644, -21.5123,
2.9200)

Have a look what the booklet for
HunterLab(51.2644, -21.5123,
2.9200) contains.

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Color

**HunterLab(51.1912,
-21.4340, 2.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	54988B
RGB	84, 152, 139
RGB Percent	33%, 60%, 55%
CMY	0.6706, 0.4039, 0.4549
CMYK	0.45, 0.00, 0.09, 0.40
HSL	169°, 29%, 46%
HSV	169°, 45%, 60%
XYZ	19.5446, 26.2054, 28.4542
YIQ	130.1860, -36.3550, -18.4590

Conversions

Conversions Part 2

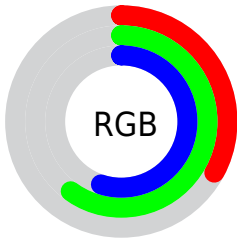
Format	Color
RYB	84, 122, 152
Decimal	5544075
CIELab	58.23, -24.84, 0.12
CIELCh	58, 24.844, 179.725
Yxy	26.2064, 0.2634, 0.3532
Android (android.graphics.Color)	4283734155 (0xFF54988B)
YUV	130.1860, 4.3453, -40.5051
Hunter-Lab	51.1912, -21.4340, 2.8780

Details

The HunterLab color $51.1912, -21.4340, 2.8780$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $37.2556, 22.3756, 5.3490$, and the grayscale version is $47.3149, -2.5246, 2.5707$.

A 20% lighter version of the original color is $73.3142, -25.6914, 4.3964$, and $32.0778, -17.3868, 1.9930$ is the 20% darker color. If you saturate the color by 10%, you get $50.4932, -24.3080, 3.2960$, and if you desaturate by 10%, it is $52.0305, -18.0758, 2.6241$.

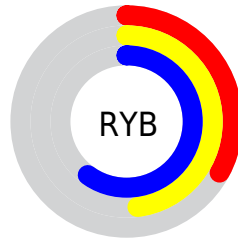
Distribution



Red (33%)

Green (60%)

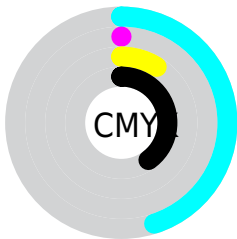
Blue (55%)



Red (33%)

Yellow (48%)

Blue (60%)

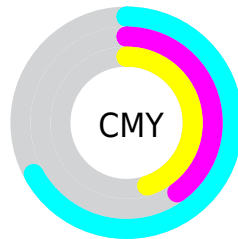


Cyan (45%)

Magenta (0%)

Yellow (9%)

Black (40%)



Cyan (67%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1912, -21.4340, 2.8780 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 51.1912, -21.4340, 2.8780 by changing the saturation by 10% instead.

■ 51.1912, -21.4340,
2.8780

■ 51.1912, -21.4340,
2.8780

168.4619,
-38.0451, 9.3069

■ 41.2045, -19.3812,
2.3286

■ 73.2173, -25.3382,
4.0892

■ 31.9670, -17.2265,
1.8188

■ 85.1761, -27.2205,
4.7456

■ 23.5464, -14.9275,
1.3528

■ 97.7231, -29.0704,
5.4337

■ 16.0314, -12.4111,
0.9351

■ 110.8321,
-30.8955, 6.1521

■ 9.5479, -11.8523,
0.5723

■ 124.4800,
-32.7014, 6.8997

0.0000, NaN, NaN

138.6461,

0.0000, NaN, NaN

-34.4927, 7.6754

0.0000, NaN, NaN

153.3122,
-36.2729, 8.4781

0.0000, NaN, NaN

■ 51.1912, -21.4340,
2.8780

■ 51.1912, -21.4340,
2.8780

■ 50.4932, -24.3080,
3.2960

■ 52.0305, -18.0758,
2.6241

■ 49.9293, -26.6882,
3.8672

■ 53.0099, -14.2516,
2.5374

■ 49.4939, -28.5814,
4.5791

■ 54.1305, -9.9904,
2.6198

■ 49.1773, -30.0100,
5.4145

■ 55.3909, -5.3275,
2.8693

■ 48.9655, -31.0201,
6.3506

■ 56.7881, -0.3020,
3.2812

■ 48.8733, -31.4737,
6.8554

■ 58.3182, 5.0454,
3.8487

■ 59.9766, 10.6739,
4.5633

■ 61.7578, 16.5447,
5.4154

■ 63.6563, 22.6215,
6.3951

Harmonies

Analogous

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



51.1922, -19.0604, 11.5702



51.1912, -21.4340, 2.8780



51.1922, -19.1448, -7.7038

Triad

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



51.1922, -21.4345, 2.8787



51.1922, 7.6882, -16.9014



51.1922, 7.8694, 16.7763

Complementary

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



51.1912, -21.4340, 2.8780



37.2556, 22.3756, 5.3490

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.



51.1922, 16.0455, 11.4400



51.1912, -21.4340, 2.8780



51.1922, 15.9351, -7.8961

Square

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



51.1922, -21.4345, 2.8787



51.1922, -2.8311, -20.4353



51.1922, 19.1076, 2.6942



51.1922, -2.6372, 18.5373

Rectangle

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



51.1912, -21.4340, 2.8780



51.1922, -15.1669, -14.1783



51.1922, 19.1076, 2.6942



51.1922, 11.0113, 15.4023

Sweetspot

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



51.1922, -21.4345, 2.8787



72.1516, -12.3862, 3.5157



50.6677, -25.8780, 20.9528



34.2415, -6.4914, 1.6534



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.



51.1922, -21.4345, 2.8787



67.0562, -32.4035, 4.3997



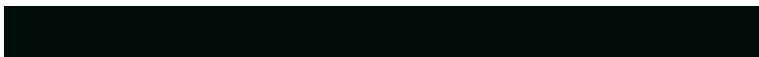
45.3288, -10.3272, -11.1061



26.4694, -3.6078, 1.3217



44.7564, -28.7903, 6.2084



5.5145, -3.2657, 0.1570

Inverse Universe

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



37.2556, 22.3756, 5.3490



45.0423, 37.6321, 8.7718



41.5904, 11.0824, 13.8642



24.9820, 0.9718, 1.5359



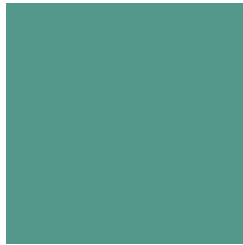
23.8233, 41.1266, 12.8469



2.9836, 5.2886, 0.5400

Previews

White Background



This preview shows how the HunterLab color 51.1912, -21.4340, 2.8780 looks on a white background.

Color Contrast Check

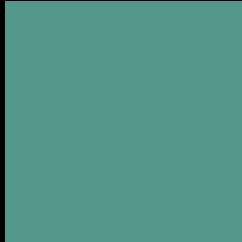
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1912, -21.4340, 2.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

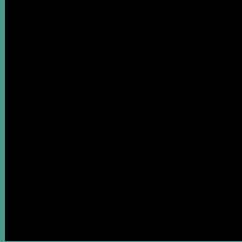
Any Text WCAG AA ✓ Pass

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 51.1912, -21.4340, 2.8780 Background



This preview shows how black text looks on a background with the HunterLab color 51.1912, -21.4340, 2.8780.



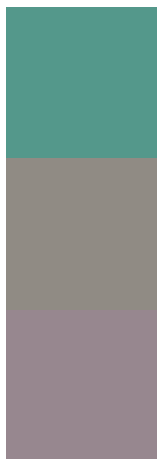
This preview shows how white text looks on a background with the HunterLab color 51.1912,

-21.4340, 2.8780.

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

51.1912, -21.4340, 2.8780

Protanopia

51.0495, -2.2742, 6.0630

Deuteranopia

50.8826, 3.5138, 1.1348



Tritanopia

51.2267, -15.0890, -7.7241

Trichromacy



Original Color

51.1912, -21.4340, 2.8780

Protanomaly

50.8265, -10.3755, 4.3989

Deuteranomaly

50.5121, -6.5542, 0.9723

Tritanomaly

51.1735, -17.4170, -3.6889

Monochromacy



Original Color

51.1912, -21.4340, 2.8780

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.3540, -10.3012, 2.4062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1912, -21.4340, 2.8780 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(84, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(84, 152, 139)  
}
```

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(84, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 152, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1912, -21.4340, 2.8780 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(84, 152, 139) }
```


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

```
.border{ border-color:rgb(84, 152, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(84, 152,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1912, -21.4340, 2.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 152, 139) }
```

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

```
.background{ background-color: rgb(84, 152,  
139) }
```

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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