

Converting Colors

HunterLab(47.5287, -21.7317,
-4.6872)

Have a look what the booklet for
HunterLab(47.5287, -21.7317,
-4.6872) contains.

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Color

**HunterLab(47.5855,
-21.9408, -4.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	319091
RGB	49, 144, 145
RGB Percent	19%, 56%, 57%
CMY	0.8078, 0.4353, 0.4314
CMYK	0.66, 0.01, 0.00, 0.43
HSL	181°, 49%, 38%
HSV	181°, 66%, 57%
XYZ	16.3507, 22.6438, 30.2970
YIQ	115.7090, -56.9410, -19.8290

Conversions

Conversions Part 2

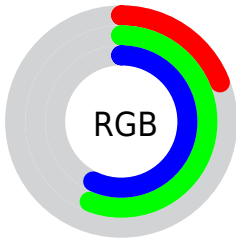
Format	Color
RYB	49, 97, 145
Decimal	3248273
CIELab	54.70, -26.68, -8.67
CIELCh	55, 28.049, 197.997
Yxy	22.6447, 0.2360, 0.3268
Android (android.graphics.Color)	4281438353 (0xFF319091)
YUV	115.7090, 14.4405, -58.5038
Hunter-Lab	47.5855, -21.9408, -4.4392




Details

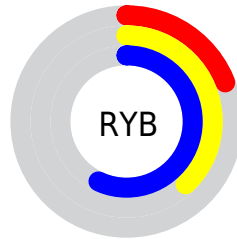
The HunterLab color $47.5855, -21.9408, -4.4392$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $29.1945, 30.6713, 12.6241$, and the grayscale version is $41.6416, -2.2219, 2.2625$.




A 20% lighter version of the original color is $69.0651, -26.0450, -4.2837$, and $29.4193, -15.2009, -3.9572$ is the 20% darker color. If you saturate the color by 10%, you get $47.2172, -23.1335, -4.9479$, and if you desaturate by 10%, it is $48.0737, -20.3026, -3.7713$.

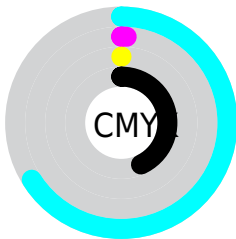
Distribution







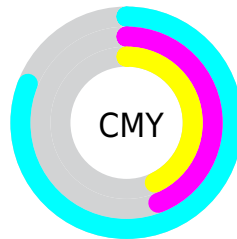
-  Red (19%)
-  Green (56%)
-  Blue (57%)






-  Red (19%)
-  Yellow (38%)
-  Blue (57%)



-  Cyan (66%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (81%)
-  Magenta (44%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5855, -21.9408, -4.4392 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 47.5855, -21.9408, -4.4392 by changing the saturation by 10% instead.

47.5855, -21.9408,
-4.4392

47.5855, -21.9408,
-4.4392

163.0627,
-39.4571, -1.3141

37.8568, -19.7318,
-4.5269

69.1442, -26.1049,
-4.0761

28.8989, -17.3950,
-4.5436

80.8883, -28.0993,
-3.8132

20.7862, -14.8745,
-4.4790

93.2310, -30.0528,
-3.5015

13.6180, -12.0716,
-4.3218

106.1446,
-31.9742, -3.1444

7.2167, -12.6292,
-4.7116

119.6047,
-33.8704, -2.7448

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5902,

-35.7469, -2.3052

0.0000, NaN, NaN

148.0819,
-37.6080, -1.8277

0.0000, NaN, NaN

■ 47.5855, -21.9408,
-4.4392

■ 47.5855, -21.9408,
-4.4392

■ 47.2172, -23.1335,
-4.9479

■ 48.0737, -20.3026,
-3.7713

■ 46.9564, -23.9079,
-5.3090

■ 48.6857, -18.2059,
-2.9421

■ 46.7870, -24.3256,
-5.5431

■ 49.4271, -15.6511,
-1.9512

■ 46.7305, -24.4534,
-5.6212

■ 50.3001, -12.6499,
-0.8030

■ 51.3054, -9.2230,
0.4951

■ 52.4420, -5.3980,
1.9334

■ 53.7077, -1.2074,
3.5004

■ 55.0991, 3.3134,
5.1838

■ 56.6123, 8.1284,
6.9710

Harmonies

Analogous

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



47.5864, -22.4420, 6.7924



47.5855, -21.9408, -4.4392



47.5864, -16.5586, -16.0158

Triad

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



47.5864, -21.9410, -4.4385



47.5864, 15.1825, -13.8966



47.5864, 2.1833, 19.0141

Complementary

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



47.5855, -21.9408, -4.4392



29.1945, 30.6713, 12.6241

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.



47.5864, 13.3127, 15.8075



47.5855, -21.9408, -4.4392



47.5864, 21.2846, -2.0339

Square

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



47.5864, -21.9410, -4.4385



47.5864, 4.5436, -22.3130



47.5864, 20.5693, 8.6874



47.5864, -9.2352, 18.6667

Rectangle

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



47.5855, -21.9408, -4.4392



47.5864, -10.6085, -21.5634



47.5864, 20.5693, 8.6874



47.5864, 6.1012, 18.3552

Sweetspot

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



47.5864, -21.9410, -4.4385



68.0694, -14.3419, -0.0930



45.9630, -34.0387, 23.9773



31.9479, -7.3020, -0.2476



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.



47.5864, -21.9410, -4.4385



63.0148, -31.4843, -6.8596



33.5372, -1.9913, -26.7284



24.7120, -3.1173, 0.7084



43.2816, -22.6506, -5.2021



4.2556, -2.2428, -0.4775

Inverse Universe

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



31.9853, 43.4177, -28.4423



39.8338, 67.6095, -44.3724



38.4599, 9.3062, 19.3813



23.4736, 1.6869, -0.7020



26.2249, 51.4468, -33.7195



2.5682, 5.0441, -3.3480

Previews

White Background



This preview shows how the HunterLab color 47.5855, -21.9408, -4.4392 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 47.5855, -21.9408, -4.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

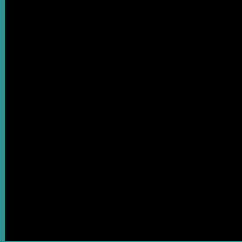
Any Text WCAG AA ✓ Pass

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 47.5855, -21.9408, -4.4392 Background



This preview shows how black text looks on a background with the HunterLab color 47.5855, -21.9408, -4.4392.



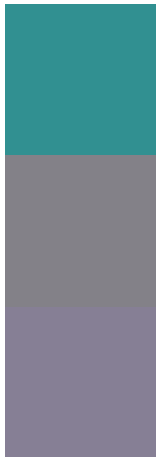
This preview shows how white text looks on a background with the HunterLab color 47.5855,

-21.9408, -4.4392.

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

47.5855, -21.9408, -4.4392

Protanopia

47.2265, -0.8005, -0.1557

Deuteranopia

47.3466, 3.2734, -6.3743



Tritanopia

47.7098, -19.2286, -8.9303

Trichromacy



Original Color

47.5855, -21.9408, -4.4392

Protanomaly

46.5628, -10.3648, -2.5922

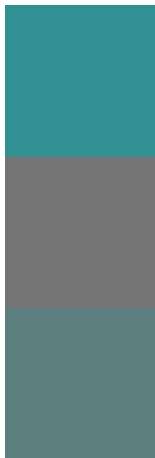
Deuteranomaly

46.6870, -7.8111, -6.9485

Tritanomaly

47.5493, -20.0519, -7.5588

Monochromacy



Original Color

47.5855, -21.9408, -4.4392

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.2774, -10.9583, -1.0323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5855, -21.9408, -4.4392 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(49, 144, 145)` looks like.

```
.text, #text, p{  
  color:rgb(49, 144, 145)  
}
```

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(49, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 144, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5855, -21.9408, -4.4392 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(49, 144, 145) }
```


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

```
.border{ border-color:rgb(49, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(49, 144,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5855, -21.9408, -4.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 144, 145) }
```

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

```
.background{ background-color: rgb(49, 144,  
145) }
```

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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