

Converting Colors

HunterLab(47.5422, -22.1757,
-4.0435)

Have a look what the booklet for
HunterLab(47.5422, -22.1757,
-4.0435) contains.

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Color

**HunterLab(47.5274,
-22.2316, -4.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	309090
RGB	48, 144, 144
RGB Percent	19%, 56%, 56%
CMY	0.8117, 0.4353, 0.4353
CMYK	0.67, 0.00, 0.00, 0.44
HSL	180°, 50%, 38%
HSV	180°, 67%, 56%
XYZ	16.2262, 22.5885, 29.8904
YIQ	115.2960, -57.2160, -20.3520

Conversions

Conversions Part 2

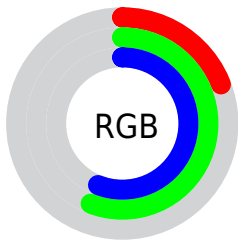
Format	Color
RYB	48, 96, 144
Decimal	3182736
CIELab	54.65, -27.14, -8.18
CIELCh	55, 28.342, 196.773
Yxy	22.5894, 0.2362, 0.3288
Android (android.graphics.Color)	4281372816 (0xFF309090)
YUV	115.2960, 14.1511, -59.0186
Hunter-Lab	47.5274, -22.2316, -4.0188

Details

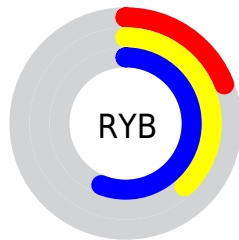
The HunterLab color **47.5274, -22.2316, -4.0188** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **28.7355, 31.0431, 12.4790**, and the grayscale version is **41.4837, -2.2135, 2.2539**.

A 20% lighter version of the original color is **69.0315, -26.2396, -3.8092**, and **29.3885, -15.3836, -3.5244** is the 20% darker color. If you saturate the color by 10%, you get **47.2168, -23.4488, -4.4484**, and if you desaturate by 10%, it is **47.9564, -20.5735, -3.4315**.

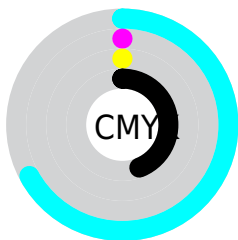
Distribution



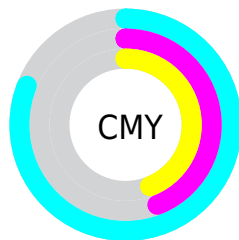
- Red (19%)
- Green (56%)
- Blue (56%)



- Red (19%)
- Yellow (38%)
- Blue (56%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5274, -22.2316, -4.0188 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 47.5274, -22.2316, -4.0188 by changing the saturation by 10% instead.

47.5274, -22.2316,
-4.0188

47.5274, -22.2316,
-4.0188

162.9751,
-39.9548, -0.7273

37.8029, -19.9908,
-4.1287

69.0784, -26.4516,
-3.6140

28.8497, -17.6186,
-4.1685

80.8190, -28.4711,
-3.3314

20.7421, -15.0576,
-4.1277

93.1583, -30.4481,
-3.0008

13.5798, -12.2067,
-3.9945

106.0686,
-32.3919, -2.6254

7.1724, -12.5517,
-4.4183

119.5257,
-34.3094, -2.2081

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5082,

-36.2063, -1.7513

0.0000, NaN, NaN

147.9971,
-38.0868, -1.2571

0.0000, NaN, NaN

■ 47.5274, -22.2316,
-4.0188

■ 47.5274, -22.2316,
-4.0188

■ 47.2168, -23.4488,
-4.4484

■ 47.9564, -20.5735,
-3.4315

■ 47.0121, -24.2536,
-4.7328

■ 48.5084, -18.4597,
-2.6834

■ 46.8955, -24.7138,
-4.8954

■ 49.1890, -15.8893,
-1.7728

■ 46.8624, -24.8446,
-4.9416

■ 50.0010, -12.8725,
-0.7032

■ 50.9455, -9.4289,
0.5191

■ 52.0219, -5.5853,
1.8849

■ 53.2281, -1.3740,
3.3833

■ 54.5613, 3.1700,
5.0025

■ 56.0175, 8.0102,
6.7297

Harmonies

Analogous

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



47.5283, -22.5305, 7.2314



47.5274, -22.2316, -4.0188



47.5283, -16.9968, -15.8146

Triad

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



47.5283, -22.2318, -4.0181



47.5283, 15.0048, -14.5437



47.5283, 2.7235, 19.0708

Complementary

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



47.5274, -22.2316, -4.0188



28.7355, 31.0431, 12.4790

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.



47.5283, 13.8856, 15.6969



47.5274, -22.2316, -4.0188



47.5283, 21.4251, -2.5790

Square

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



47.5283, -22.2318, -4.0181



47.5283, 4.1351, -22.8275



47.5283, 20.9968, 8.3622



47.5283, -8.8631, 18.8646

Rectangle

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



47.5274, -22.2316, -4.0188



47.5283, -11.0959, -21.6035



47.5283, 20.9968, 8.3622



47.5283, 6.6707, 18.3607

Sweetspot

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



47.5283, -22.2318, -4.0181



67.1674, -14.2998, 0.0581



45.6386, -33.7031, 23.8987



32.0136, -7.3996, -0.1680



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.



47.5283, -22.2318, -4.0181



62.5541, -31.7382, -6.1187



33.6208, -2.6433, -25.8616



24.7312, -3.1478, 0.7310



43.7302, -23.1840, -4.6113



4.2759, -2.2669, -0.4509

Inverse Universe

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



28.7355, 31.0431, 12.4790



34.5405, 49.5907, 19.1145



37.7099, 10.0955, 19.0160



23.2897, 0.6987, 1.9160



22.7230, 38.9139, 14.6829



2.2218, 3.8050, 1.4356

Previews

White Background



This preview shows how the HunterLab color 47.5274, -22.2316, -4.0188 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 47.5274, -22.2316, -4.0188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

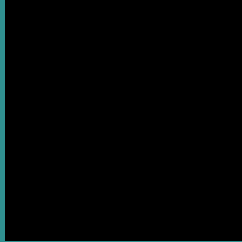
Any Text WCAG AA ✓ Pass

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 47.5274, -22.2316, -4.0188 Background



This preview shows how black text looks on a background with the HunterLab color 47.5274, -22.2316, -4.0188.



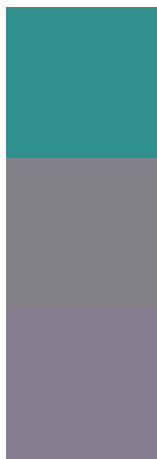
This preview shows how white text looks on a background with the HunterLab color 47.5274, -22.2316, -4.0188.

-22.2316, -4.0188.

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

47.5274, -22.2316, -4.0188

Protanopia

47.1965, -0.9637, 0.2703

Deuteranopia

47.3130, 3.0933, -5.9011



Tritanopia

47.3666, -18.9258, -9.4118

Trichromacy



Original Color

47.5274, -22.2316, -4.0188

Protanomaly

46.5316, -10.5415, -2.1496

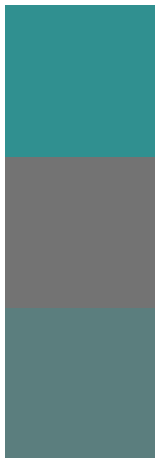
Deuteranomaly

46.6532, -8.0001, -6.4733

Tritanomaly

47.4876, -20.3575, -7.1202

Monochromacy



Original Color

47.5274, -22.2316, -4.0188

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.1882, -11.3467, -0.6841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5274, -22.2316, -4.0188 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(48, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(48, 144, 144)  
}
```

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(48, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 144, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5274, -22.2316, -4.0188 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(48, 144, 144) }
```


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

```
.border{ border-color:rgb(48, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(48, 144,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5274, -22.2316, -4.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 144, 144) }
```

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

```
.background{ background-color: rgb(48, 144,  
144) }
```

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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