

Converting Colors

HunterLab(49.2525, -16.8084,
-20.0255)

Have a look what the booklet for
HunterLab(49.2525, -16.8084,
-20.0255) contains.

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Color

**HunterLab(49.1971,
-16.6892, -20.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	2992B1
RGB	41, 146, 177
RGB Percent	16%, 57%, 69%
CMY	0.8392, 0.4274, 0.3059
CMYK	0.77, 0.18, 0.00, 0.31
HSL	194°, 62%, 43%
HSV	194°, 77%, 69%
XYZ	19.1292, 24.2035, 45.2586
YIQ	118.1390, -72.5310, -12.6190

Conversions

Conversions Part 2

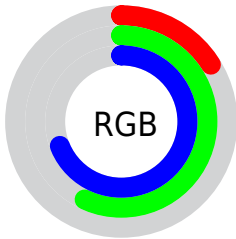
Format	Color
R_{YB}	41, 100, 177
Decimal	2724529
CIE _{Lab}	56.29, -18.58, -24.62
CIE _{LCh}	56, 30.846, 232.953
Yxy	24.2044, 0.2159, 0.2732
Android (android.graphics.Color)	4280914609 (0xFF2992B1)
YUV	118.1390, 29.0185, -67.6509
Hunter-Lab	49.1971, -16.6892, -20.1055

Details

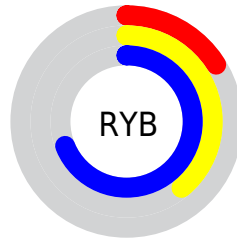
The HunterLab color **49.1971, -16.6892, -20.1055** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **37.6077, 33.1488, 20.4452**, and the grayscale version is **42.5304, -2.2693, 2.3108**.

A 20% lighter version of the original color is **70.9788, -19.7300, -21.0041**, and **31.0478, -9.8906, -17.4561** is the 20% darker color. If you saturate the color by 10%, you get **47.6408, -16.0621, -22.6916**, and if you desaturate by 10%, it is **50.9115, -16.7482, -17.3627**.

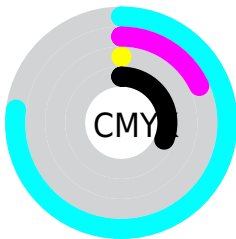
Distribution



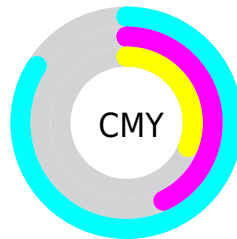
- Red (16%)
- Green (57%)
- Blue (69%)



- Red (16%)
- Yellow (39%)
- Blue (69%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (84%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1971, -16.6892, -20.1055 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 49.1971, -16.6892, -20.1055 by changing the saturation by 10% instead.

49.1971, -16.6892,
-20.1055

49.1971, -16.6892,
-20.1055

165.4848,
-30.6258, -21.7450

39.3514, -15.0274,
-19.6390

70.9673, -19.8886,
-20.8619

30.2666, -13.2997,
-19.1280

82.8085, -21.4494,
-21.1505

22.0140, -11.4736,
-18.6040

95.2435, -22.9945,
-21.3810

14.6877, -9.4924,
-18.1611

108.2454,
-24.5287, -21.5557

8.3460, -10.1487,
-18.3965

121.7903,
-26.0563, -21.6771

0.0000, NaN, -NF

0.0000, NaN, -NF

135.8574,

-27.5801, -21.7475

0.0000, NaN, NaN

150.4278,
-29.1026, -21.7694

0.0000, NaN, NaN

■ 49.1971, -16.6892,
-20.1055

■ 49.1971, -16.6892,
-20.1055

■ 47.6408, -16.0621,
-22.6916

■ 50.9115, -16.7482,
-17.3627

■ 46.2257, -14.9217,
-25.1283

■ 52.7850, -16.2308,
-14.4798

■ 45.7901, -14.5163,
-25.8972

■ 54.8178, -15.1490,
-11.4757

■ 57.0062, -13.5292,
-8.3718

■ 59.3448, -11.4064,
-5.1888

■ 61.8267, -8.8206,
-1.9460

■ 64.4447, -5.8132,
1.3403

■ 67.1911, -2.4253,
4.6561

■ 70.0583, 1.3043,
7.9904

Harmonies

Analogous

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



49.1980, -23.4360, -7.4337



49.1971, -16.6892, -20.1055



49.1980, -5.6322, -26.9427

Triad

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



49.1980, -16.6890, -20.1046



49.1980, 24.4693, -0.3038



49.1980, -11.9260, 19.8191

Complementary

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



49.1971, -16.6892, -20.1055



37.6077, 33.1488, 20.4452

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.



49.1980, 0.4506, 20.8029



49.1971, -16.6892, -20.1055



49.1980, 22.3419, 11.0147

Square

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



49.1980, -16.6890, -20.1046



49.1980, 18.7610, -13.7521



49.1980, 13.2150, 18.0257



49.1980, -20.8902, 14.8716

Rectangle

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



49.1971, -16.6892, -20.1055



49.1980, 3.0527, -26.2905



49.1980, 13.2150, 18.0257



49.1980, -8.0615, 20.5615

Sweetspot

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



49.1980, -16.6890, -20.1046



80.5394, -14.1424, -5.4602



56.8898, -43.8396, 28.1666



36.9571, -7.1205, -3.2521



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



49.1980, -16.6890, -20.1046



62.4627, -20.5255, -32.5815



30.5228, 14.9259, -61.7293



30.4901, -3.1558, 0.2470



39.0972, -12.5252, -21.8298



7.4947, -2.9798, -2.9353

Inverse Universe

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



36.0683, 56.2166, -21.4944



45.3169, 82.4817, -28.0888



52.7443, 1.4013, 30.1661



29.3478, 1.9552, -0.1915



28.4311, 53.2999, -17.3709



5.1233, 9.7380, -4.1636

Previews

White Background



This preview shows how the HunterLab color 49.1971, -16.6892, -20.1055 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 49.1971, -16.6892, -20.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

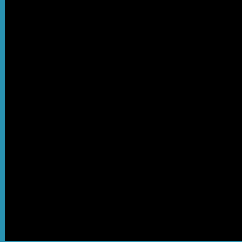
Any Text WCAG AA ✓ Pass

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 49.1971, -16.6892, -20.1055 Background



This preview shows how black text looks on a background with the HunterLab color 49.1971, -16.6892, -20.1055.



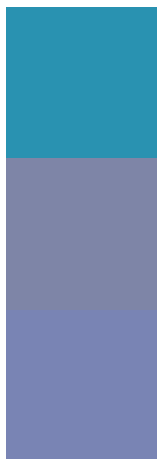
This preview shows how white text looks on a background with the HunterLab color 49.1971, -16.6892, -20.1055.

-16.6892, -20.1055.

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

49.1971, -16.6892, -20.1055

Protanopia

48.9905, 1.5910, -14.0296

Deuteranopia

48.8495, 3.5802, -22.2452



Tritanopia

49.2568, -22.5745, -10.6298

Trichromacy



Original Color

49.1971, -16.6892, -20.1055

Protanomaly

48.5285, -7.0986, -17.2932

Deuteranomaly

48.3956, -5.4075, -22.5219

Tritanomaly

49.2401, -20.5545, -14.0393

Monochromacy



Original Color

49.1971, -16.6892, -20.1055

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

44.1317, -10.1052, -5.7991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1971, -16.6892, -20.1055 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(41, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(41, 146, 177)  
}
```

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(41, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 146, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1971, -16.6892, -20.1055 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(41, 146, 177) }
```


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

```
.border{ border-color:rgb(41, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 146, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 146, 177);  
box-shadow:4px 4px 4px 4px rgb(41, 146,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1971, -16.6892, -20.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 146, 177) }
```

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

```
.background{ background-color: rgb(41, 146,  
177) }
```

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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