

Converting Colors

HunterLab(42.2069, -11.4838,
-5.3651)

Have a look what the booklet for
HunterLab(42.2069, -11.4838,
-5.3651) contains.

HunterLab(42.2069, -11.4838, -5.3651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.2069,
-11.4838, -5.3651)**

Conversions

Conversions Part 1

Format	Color
Hex	507C85
RGB	80, 124, 133
RGB Percent	31%, 49%, 52%
CMY	0.6863, 0.5137, 0.4784
CMYK	0.40, 0.07, 0.00, 0.48
HSL	190°, 25%, 42%
HSV	190°, 40%, 52%
XYZ	14.7495, 17.8142, 24.8514
YIQ	111.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

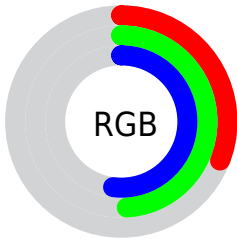
Format	Color
R_{YB}	80, 104, 133
Decimal	5274757
CIE _{Lab}	49.27, -12.65, -9.69
CIE _{LCh}	49, 15.933, 217.457
Yxy	17.8149, 0.2569, 0.3103
Android (android.graphics.Color)	4283464837 (0xFF507C85)
YUV	111.8700, 10.4171, -27.9500
Hunter-Lab	42.2069, -11.4838, -5.3651

Details

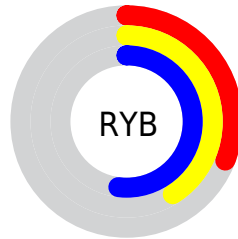
The HunterLab color $42.2069, -11.4838, -5.3651$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.6521, 11.1750, 9.5423$, and the grayscale version is $40.1732, -2.1435, 2.1827$.

A 20% lighter version of the original color is $63.1625, -14.1640, -4.9338$, and $24.3587, -8.7504, -5.5590$ is the 20% darker color. If you saturate the color by 10%, you get $40.9055, -12.8654, -7.1834$, and if you desaturate by 10%, it is $43.6175, -9.7360, -3.4576$.

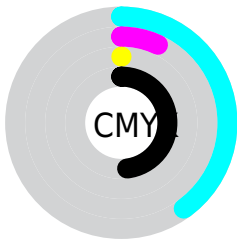
Distribution



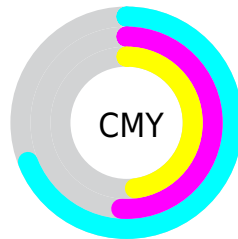
- Red (31%)
- Green (49%)
- Blue (52%)



- Red (31%)
- Yellow (41%)
- Blue (52%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2069, -11.4838, -5.3651 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 42.2069, -11.4838, -5.3651 by changing the saturation by 10% instead.

■ 42.2069, -11.4838,
-5.3651

■ 42.2069, -11.4838,
-5.3651

■ 154.8631,
-22.8870, -2.8239

■ 32.8895, -10.1801,
-5.3675

■ 63.0252, -14.0291,
-5.1561

■ 24.3804, -8.8350,
-5.2925

■ 74.4309, -15.2874,
-4.9635

■ 16.7663, -7.4205,
-5.1296

■ 86.4520, -16.5435,
-4.7185

■ 10.1682, -6.0895,
-4.8722

■ 99.0586, -17.8009,
-4.4250

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.2246,
-19.0622, -4.0862

0.0000, NaN, NaN

125.9271,

0.0000, NaN, NaN

-20.3294, -3.7048

0.0000, NaN, NaN

140.1460,
-21.6039, -3.2834

■ 42.2069, -11.4838,
-5.3651

■ 42.2069, -11.4838,
-5.3651

■ 40.9055, -12.8654,
-7.1834

■ 43.6175, -9.7360,
-3.4576

■ 39.7126, -13.8608,
-8.9020

■ 45.1317, -7.6448,
-1.4759

■ 38.6294, -14.4593,
-10.5089

■ 46.7465, -5.2373,
0.5682

■ 37.6541, -14.6604,
-11.9957

■ 48.4574, -2.5412,
2.6634

■ 36.7816, -14.4785,
-13.3590

■ 50.2599, 0.4156,
4.7996

■ 35.9787, -14.0388,
-14.6442

■ 52.1491, 3.6068,
6.9679

■ 35.9665, -14.0320,
-14.6639

■ 54.1203, 7.0074,
9.1610

■ 56.1688, 10.5946,
11.3727

■ 58.2902, 14.3479,
13.5981

Harmonies

Analogous

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



42.2077, -13.6528, 0.7677



42.2069, -11.4838, -5.3651



42.2077, -6.8179, -9.8501

Triad

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



42.2077, -11.4842, -5.3644



42.2077, 9.5801, -2.3845



42.2077, -3.8218, 12.2372

Complementary

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



42.2069, -11.4838, -5.3651



35.6521, 11.1750, 9.5423

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.



42.2077, 2.5117, 11.6496



42.2069, -11.4838, -5.3651



42.2077, 10.4988, 3.7721

Square

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



42.2077, -11.4842, -5.3644



42.2077, 5.4024, -7.9605



42.2077, 7.8437, 8.7473



42.2077, -9.4015, 10.4906

Rectangle

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



42.2069, -11.4838, -5.3651



42.2077, -2.7927, -10.9767



42.2077, 7.8437, 8.7473



42.2077, -1.7133, 12.3011

Sweetspot

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



42.2077, -11.4842, -5.3644



62.0201, -7.8265, 0.0903



43.8171, -21.7153, 13.8801



29.3288, -3.8793, -0.0941



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.2077, -11.4842, -5.3644



54.8665, -17.0943, -9.4330



34.7455, 0.2214, -16.4524



22.6891, -2.4455, 0.3477



35.1164, -13.7138, -14.2884



2.2704, -1.0681, -0.5320

Inverse Universe

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



34.8992, 21.6830, -10.5127



43.3395, 36.4870, -17.6955



42.3128, -1.1082, 15.4185



21.7936, 1.3789, -0.2242



24.1492, 45.8368, -19.1278



1.4524, 2.8067, -1.5376

Previews

White Background



This preview shows how the HunterLab color 42.2069, -11.4838, -5.3651 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.2069, -11.4838, -5.3651 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

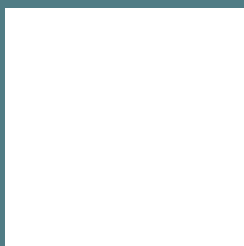
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.2069, -11.4838, -5.3651 Background



This preview shows how black text looks on a background with the HunterLab color 42.2069, -11.4838, -5.3651.



This preview shows how white text looks on a background with the HunterLab color 42.2069,

-11.4838, -5.3651.

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

42.2069, -11.4838, -5.3651

Protanopia

42.0644, -0.5741, -2.8752

Deuteranopia

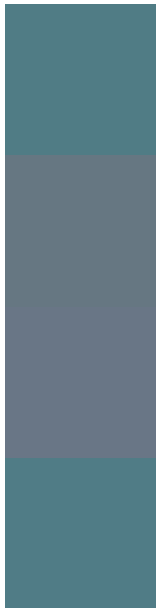
42.0783, 2.7131, -6.3216



Tritanopia

42.2398, -11.2965, -5.8281

Trichromacy



Original Color

42.2069, -11.4838, -5.3651

Protanomaly

41.9883, -5.0116, -4.0362

Deuteranomaly

42.0492, -3.0881, -5.9454

Tritanomaly

42.2398, -11.2965, -5.8281

Monochromacy



Original Color

42.2069, -11.4838, -5.3651

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.6893, -5.8805, -0.9228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2069, -11.4838, -5.3651 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(80, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(80, 124, 133)  
}
```

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(80, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 124, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2069, -11.4838, -5.3651 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(80, 124, 133) }
```


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

```
.border{ border-color:rgb(80, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(80, 124,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2069, -11.4838, -5.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 124, 133) }
```

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

```
.background{ background-color: rgb(80, 124,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor