

Converting Colors

HunterLab(49.1866, -7.2339,
-2.2795)

Have a look what the booklet for
HunterLab(49.1866, -7.2339,
-2.2795) contains.

HunterLab(49.0641, -7.0226, -2.2611)	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(49.0641, -7.0226,
-2.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	768A91
RGB	118, 138, 145
RGB Percent	46%, 54%, 57%
CMY	0.5372, 0.4588, 0.4314
CMYK	0.19, 0.05, 0.00, 0.43
HSL	196°, 11%, 52%
HSV	196°, 19%, 57%
XYZ	21.6705, 24.0729, 30.2924
YIQ	132.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

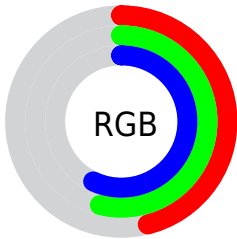
Format	Color
R _Y B	118, 129, 145
Decimal	7768721
CIE Lab	56.16, -5.58, -6.15
CIE LCh	56, 8.305, 227.753
Yxy	24.0738, 0.2850, 0.3166
Android (android.graphics.Color)	4285958801 (0xFF768A91)
YUV	132.8180, 6.0057, -12.9954
Hunter-Lab	49.0641, -7.0226, -2.2611

Details

The HunterLab color $49.0641, -7.0226, -2.2611$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $46.8988, 2.7296, 7.2780$, and the grayscale version is $48.3405, -2.5793, 2.6264$.

A 20% lighter version of the original color is $70.6620, -8.6771, -1.9474$, and $30.1179, -5.2362, -2.8461$ is the 20% darker color. If you saturate the color by 10%, you get $46.9847, -8.8202, -5.0071$, and if you desaturate by 10%, it is $51.2499, -4.9028, 0.5030$.

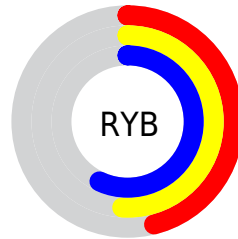
Distribution



Red (46%)

Green (54%)

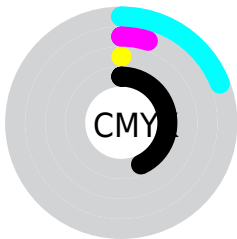
Blue (57%)



Red (46%)

Yellow (51%)

Blue (57%)

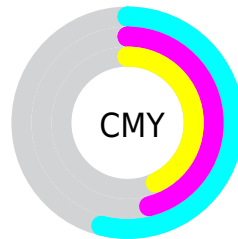


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0641, -7.0226, -2.2611 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 49.0641, -7.0226, -2.2611 by changing the saturation by 10% instead.

■ 49.0641, -7.0226,
-2.2611

■ 49.0641, -7.0226,
-2.2611

165.2857,
-15.4945, 1.8026

■ 39.2281, -6.1697,
-2.4772

■ 70.8171, -8.7776,
-1.6593

■ 30.1537, -5.3279,
-2.6296

■ 82.6504, -9.6809,
-1.2850

■ 21.9124, -4.4927,
-2.7082

■ 95.0779, -10.6027,
-0.8663

■ 14.5989, -3.6535,
-2.7002

108.0725,
-11.5432, -0.4064

■ 8.2591, -3.3869,
-2.7459

121.6105,
-12.5027, 0.0925

0.0000, NaN, NaN

135.6709,

0.0000, NaN, NaN

-13.4811, 0.6281

0.0000, NaN, NaN

150.2349,
-14.4784, 1.1987

0.0000, NaN, NaN

■ 49.0641, -7.0226,
-2.2611

■ 49.0641, -7.0226,
-2.2611

■ 46.9847, -8.8202,
-5.0071

■ 51.2499, -4.9028,
0.5030

■ 45.0147, -10.2607,
-7.7255

■ 53.5327, -2.4901,
3.2736

■ 43.1611, -11.3132,
-10.4015

■ 55.9076, 0.1850,
6.0441

■ 41.4288, -11.9489,
-13.0187

■ 58.3687, 3.0949,
8.8094

■ 39.8218, -12.1452,
-15.5595

■ 60.9104, 6.2148,
11.5657

■ 38.3416, -11.8900,
-18.0069

■ 63.5276, 9.5225,
14.3105

■ 36.9866, -11.1871,
-20.3471

■ 66.2155, 12.9982,
17.0426

■ 35.7338, -10.1245,
-22.6061

■ 68.9696, 16.6245,
19.7610

■ 35.5628, -9.9726,
-22.9225

■ 71.7860, 20.3863,
22.4658

Harmonies

Analogous

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



49.0651, -8.8106, 0.6971



49.0641, -7.0226, -2.2611



49.0651, -4.0270, -3.9407

Triad

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



49.0651, -7.0234, -2.2603



49.0651, 4.0667, 1.3062



49.0651, -4.6372, 8.3355

Complementary

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



49.0641, -7.0226, -2.2611



46.8988, 2.7296, 7.2780

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.



49.0651, -1.1983, 8.4736



49.0641, -7.0226, -2.2611



49.0651, 3.8923, 4.5657

Square

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



49.0651, -7.0234, -2.2603



49.0651, 2.4133, -1.7878



49.0651, 1.9431, 7.1378



49.0651, -7.4594, 6.7466

Rectangle

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



49.0641, -7.0226, -2.2611



49.0651, -1.7179, -4.0388



49.0651, 1.9431, 7.1378



49.0651, -3.5169, 8.5490

Sweetspot

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



49.0651, -7.0234, -2.2603



69.3338, -5.7905, 1.5977



50.5738, -13.3866, 8.2805



32.6222, -2.8134, 0.6560



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.



49.0651, -7.0234, -2.2603



64.5742, -10.3754, -4.4392



45.2774, -0.8433, -7.1941



24.2548, -2.3846, 0.1669



33.0014, -9.3299, -21.1084



3.7388, -1.6053, -1.2079

Inverse Universe

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



45.6203, 9.1536, -2.9797



59.0913, 15.6213, -5.5442



50.5737, -3.5421, 11.0072



23.4254, 1.4287, -0.0179



24.6694, 45.9861, -13.0438



2.4857, 4.7564, -2.2669

Previews

White Background



This preview shows how the HunterLab color 49.0641, -7.0226, -2.2611 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 49.0641, -7.0226, -2.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

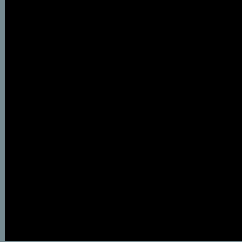
Any Text WCAG AA ✓ Pass

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 49.0641, -7.0226, -2.2611 Background



This preview shows how black text looks on a background with the HunterLab color 49.0641, -7.0226, -2.2611.



This preview shows how white text looks on a background with the HunterLab color 49.0641, -7.0226, -2.2611.

-2.2611.

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

49.0641, -7.0226, -2.2611

Protanopia

49.0627, -1.3113, -0.7165

Deuteranopia

49.0815, 3.3476, -3.0427



Tritanopia

48.9401, -5.7738, -3.8864

Trichromacy



Original Color

49.0641, -7.0226, -2.2611

Protanomaly

48.8879, -3.3142, -1.4494

Deuteranomaly

49.1040, -0.9197, -2.5936

Tritanomaly

48.9079, -5.9525, -3.4308

Monochromacy



Original Color

49.0641, -7.0226, -2.2611

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.7066, -4.3124, 1.1278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0641, -7.0226, -2.2611 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(118, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 138, 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(118, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 138, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0641, -7.0226, -2.2611 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(118, 138, 145) }
```


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

```
.border{ border-color:rgb(118, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 138,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0641, -7.0226, -2.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 138, 145) }
```

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

```
.background{ background-color: rgb(118,  
138, 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](#).

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