

Converting Colors

HunterLab(49.7224, -12.3504,
3.5357)

Have a look what the booklet for
HunterLab(49.7224, -12.3504,
3.5357) contains.

HunterLab(49.8105, -12.6027, 3.6258)	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(49.8105,
-12.6027, 3.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	708F86
RGB	112, 143, 134
RGB Percent	44%, 56%, 53%
CMY	0.5608, 0.4392, 0.4745
CMYK	0.22, 0.00, 0.06, 0.44
HSL	163°, 12%, 50%
HSV	163°, 22%, 56%
XYZ	20.8076, 24.8109, 26.2465
YIQ	132.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

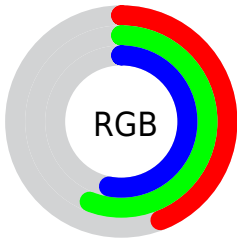
Format	Color
R_{YB}	112, 130, 143
Decimal	7376774
CIE _{Lab}	56.89, -12.84, 1.20
CIE _{LCh}	57, 12.896, 174.644
Yxy	24.8119, 0.2895, 0.3452
Android (android.graphics.Color)	4285566854 (0xFF708F86)
YUV	132.7050, 0.6384, -18.1583
Hunter-Lab	49.8105, -12.6027, 3.6258

Details

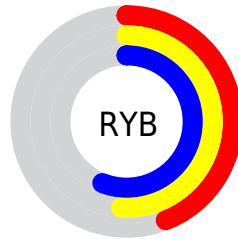
The HunterLab color **49.8105, -12.6027, 3.6258** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43.3694, 8.7816, 2.1469**, and the grayscale version is **48.3167, -2.5781, 2.6251**.

A 20% lighter version of the original color is **71.7028, -15.3326, 5.0395**, and **30.8635, -10.2617, 2.7256** is the 20% darker color. If you saturate the color by 10%, you get **48.8196, -16.5243, 4.2092**, and if you desaturate by 10%, it is **50.9351, -8.2878, 3.1842**.

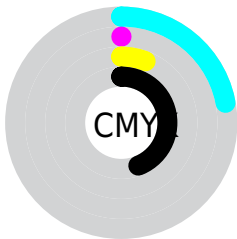
Distribution



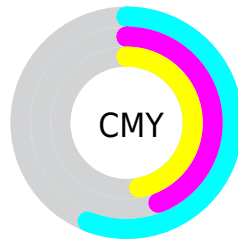
- Red (44%)
- Green (56%)
- Blue (53%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8105, -12.6027, 3.6258 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 49.8105, -12.6027, 3.6258 by changing the saturation by 10% instead.

■ 49.8105, -12.6027,
3.6258

■ 49.8105, -12.6027,
3.6258

166.4031,
-24.0944, 10.4331

■ 39.9211, -11.3074,
3.0218

■ 71.6602, -15.1524,
4.9359

■ 30.7889, -9.9823,
2.4526

■ 83.5379, -16.4184,
5.6375

■ 22.4839, -8.6093,
1.9211

■ 96.0077, -17.6844,
6.3687

■ 15.0988, -7.1549,
1.4294

■ 109.0427,
-18.9534, 7.1284

■ 8.7347, -6.8718,
1.0467

122.6195,
-20.2274, 7.9155

0.0000, NaN, NaN

136.7173,

0.0000, NaN, NaN

-21.5081, 8.7292

0.0000, NaN, NaN

151.3174,
-22.7967, 9.5687

0.0000, NaN, NaN

■ 49.8105, -12.6027,
3.6258

■ 49.8105, -12.6027,
3.6258

■ 48.8196, -16.5243,
4.2092

■ 50.9351, -8.2878,
3.1842

■ 47.9600, -20.0185,
4.9274

■ 52.1880, -3.6138,
2.8841

■ 47.2319, -23.0616,
5.7729

■ 53.5670, 1.3797,
2.7253

■ 46.6326, -25.6390,
6.7344

■ 55.0681, 6.6531,
2.7047

■ 46.1570, -27.7484,
7.7971

■ 56.6864, 12.1681,
2.8174

■ 45.7974, -29.4026,
8.9431

■ 58.4167, 17.8888,
3.0572

■ 45.5432, -30.6320,
10.1516

■ 60.2536, 23.7823,
3.4170

■ 45.3815, -31.4491,
11.1666

■ 62.1917, 29.8192,
3.8891

■ 64.2254, 35.9736,
4.4658

Harmonies

Analogous

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



49.8115, -10.8665, 8.1061



49.8105, -12.6027, 3.6258



49.8115, -11.7703, -1.5955

Triad

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



49.8115, -12.6035, 3.6265



49.8115, 1.7534, -7.1512



49.8115, 3.5052, 10.1280

Complementary

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



49.8105, -12.6027, 3.6258



43.3694, 8.7816, 2.1469

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.



49.8115, 7.1550, 6.6650



49.8105, -12.6027, 3.6258



49.8115, 6.1138, -3.3635

Square

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



49.8115, -12.6035, 3.6265



49.8115, -3.6280, -8.1857



49.8115, 8.1294, 1.7785



49.8115, -1.6855, 11.5946

Rectangle

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



49.8105, -12.6027, 3.6258



49.8115, -9.8501, -4.7584



49.8115, 8.1294, 1.7785



49.8115, 4.9616, 9.1779

Sweetspot

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



49.8115, -12.6035, 3.6265



68.8996, -8.3129, 4.0555



49.9024, -13.3746, 12.3021



32.9545, -4.1298, 1.9520



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.



49.8115, -12.6035, 3.6265



65.9889, -19.4903, 5.2096



48.2321, -8.3239, -2.3712



24.6779, -3.4442, 1.4911



42.6763, -29.5445, 10.4365



4.2186, -2.6107, 0.3628

Inverse Universe

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



43.3694, 8.7816, 2.1469



55.5194, 15.3384, 2.8457



44.7372, 4.5221, 7.3298



23.3415, 0.9779, 1.1764



23.0466, 40.1106, 9.9109



2.3288, 4.1972, -0.1155

Previews

White Background



This preview shows how the HunterLab color 49.8105, -12.6027, 3.6258 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 49.8105, -12.6027, 3.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

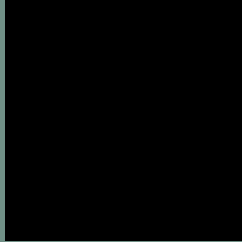
Any Text WCAG AA ✓ Pass

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 49.8105, -12.6027, 3.6258 Background



This preview shows how black text looks on a background with the HunterLab color 49.8105, -12.6027, 3.6258.



This preview shows how white text looks on a background with the HunterLab color 49.8105,

-12.6027, 3.6258.

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

49.8105, -12.6027, 3.6258

Protanopia

49.7951, -2.3682, 5.4959

Deuteranopia

49.6686, 3.2477, 2.8578



Tritanopia

49.6669, -7.4341, -4.9870

Trichromacy



Original Color

49.8105, -12.6027, 3.6258

Protanomaly

49.8495, -6.5429, 5.0633

Deuteranomaly

49.5901, -2.8039, 3.1030

Tritanomaly

49.6704, -9.3889, -1.5338

Monochromacy



Original Color

49.8105, -12.6027, 3.6258

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.9334, -6.7065, 3.1483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8105, -12.6027, 3.6258 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(112, 143, 134)` looks like.

```
.text, #text, p{  
    color:rgb(112, 143, 134)  
}
```

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(112, 143, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 143, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8105, -12.6027, 3.6258 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(112, 143, 134) }
```


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

```
.border{ border-color:rgb(112, 143, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 143, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 143, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 143, 134);  
box-shadow:4px 4px 4px 4px rgb(112, 143,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8105, -12.6027, 3.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 143, 134) }
```

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

```
.background{ background-color: rgb(112,  
143, 134) }
```

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