

Converting Colors

HunterLab(34.7728, -12.9347,
-1.0215)

Have a look what the booklet for
HunterLab(34.7728, -12.9347,
-1.0215) contains.

HunterLab(34.6441, -12.7349, -1.2891)	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(34.6441,
-12.7349, -1.2891)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6968
RGB	58, 105, 104
RGB Percent	23%, 41%, 41%
CMY	0.7725, 0.5882, 0.5922
CMYK	0.45, 0.00, 0.01, 0.59
HSL	179°, 29%, 32%
HSV	179°, 45%, 41%
XYZ	9.2952, 12.0021, 14.9234
YIQ	90.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

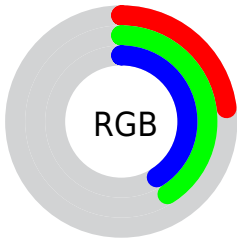
Format	Color
RYB	58, 82, 105
Decimal	3828072
CIELab	41.22, -16.27, -4.46
CIELCh	41, 16.876, 195.334
Yxy	12.0026, 0.2566, 0.3314
Android (android.graphics.Color)	4282018152 (0xFF3A6968)
YUV	90.8330, 6.4913, -28.7945
Hunter-Lab	34.6441, -12.7349, -1.2891

Details

The HunterLab color **34.6441, -12.7349, -1.2891** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.1902, 13.5169, 6.0190**, and the grayscale version is **32.2675, -1.7217, 1.7532**.

A 20% lighter version of the original color is **54.2169, -15.4963, -0.7751**, and **18.2957, -9.5618, -1.4379** is the 20% darker color. If you saturate the color by 10%, you get **34.2269, -14.3440, -1.7449**, and if you desaturate by 10%, it is **35.1492, -10.8244, -0.7233**.

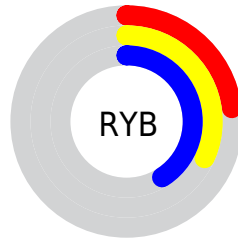
Distribution



Red (23%)

Green (41%)

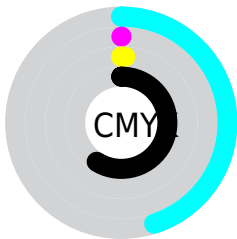
Blue (41%)



Red (23%)

Yellow (32%)

Blue (41%)

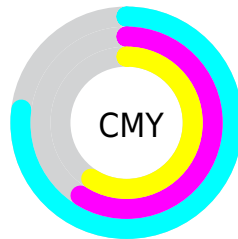


Cyan (45%)

Magenta (0%)

Yellow (1%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6441, -12.7349, -1.2891 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 34.6441, -12.7349, -1.2891 by changing the saturation by 10% instead.

■ 34.6441, -12.7349,
-1.2891

■ 34.6441, -12.7349,
-1.2891

■ 142.9764,
-25.8258, 2.8282

■ 25.9720, -11.1347,
-1.4973

■ 54.3138, -15.7679,
-0.6888

■ 18.1753, -9.4354,
-1.6327

■ 65.1987, -17.2351,
-0.3105

■ 11.3671, -7.5918,
-1.6799

■ 76.7270, -18.6835,
0.1141

■ 3.6755, -6.4321,
-4.8328

■ 88.8645, -20.1198,
0.5814

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.5821,
-21.5489, 1.0887

0.0000, NaN, NaN

■ 114.8544,

0.0000, NaN, NaN

-22.9745, 1.6336

0.0000, NaN, NaN

128.6591,
-24.3994, 2.2140

■ 34.6441, -12.7349,
-1.2891

■ 34.6441, -12.7349,
-1.2891

■ 34.2269, -14.3440,
-1.7449

■ 35.1492, -10.8244,
-0.7233

■ 33.8929, -15.6483,
-2.0923

■ 35.7414, -8.6205,
-0.0513

■ 33.6388, -16.6534,
-2.3336

■ 36.4218, -6.1383,
0.7234

■ 33.4591, -17.3736,
-2.4747

■ 37.1897, -3.3962,
1.5950

■ 33.3406, -17.8555,
-2.5325

■ 38.0437, -0.4158,
2.5567

■ 33.2838, -18.0877,
-2.5556

■ 38.9816, 2.7798,
3.6010

■ 40.0009, 6.1670,
4.7201

■ 41.0985, 9.7228,
5.9061

■ 42.2711, 13.4248,
7.1515

Harmonies

Analogous

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



34.6448, -12.7669, 4.6677



34.6441, -12.7349, -1.2891



34.6448, -9.9306, -7.3103

Triad

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



34.6448, -12.7352, -1.2886



34.6448, 7.1549, -7.1915



34.6448, 1.2576, 11.2531

Complementary

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



34.6441, -12.7349, -1.2891



25.1902, 13.5169, 6.0190

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.



34.6448, 7.0456, 9.0958



34.6441, -12.7349, -1.2891



34.6448, 10.6113, -1.1478

Square

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



34.6448, -12.7352, -1.2886



34.6448, 1.3982, -11.1093



34.6448, 10.5700, 4.7856



34.6448, -4.9836, 11.2290

Rectangle

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



34.6441, -12.7349, -1.2891



34.6448, -6.7432, -10.2496



34.6448, 10.5700, 4.7856



34.6448, 3.3299, 10.7785

Sweetspot

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



34.6448, -12.7352, -1.2886



48.8723, -7.7249, 1.1222



33.6991, -18.4363, 13.3993



23.5739, -4.0272, 0.4522



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.6448, -12.7352, -1.2886



45.7602, -19.3472, -2.3770



28.4895, -3.5336, -10.3210



18.6838, -2.3240, 0.6163



37.4511, -20.3586, -2.8623



84.5284, -46.0163, -6.3172

Inverse Universe

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



25.1902, 13.5169, 6.0190



30.5803, 23.4184, 9.5790



30.0611, 3.5276, 10.6897



17.6571, 0.4603, 1.3860



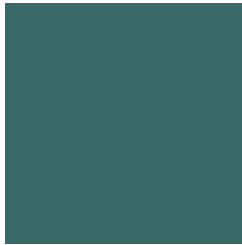
19.5146, 33.4474, 12.3924



44.0318, 75.4317, 28.2511

Previews

White Background



This preview shows how the HunterLab color 34.6441, -12.7349, -1.2891 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 34.6441, -12.7349, -1.2891 looks on a black 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

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

HunterLab 34.6441, -12.7349, -1.2891 Background



This preview shows how black text looks on a background with the HunterLab color 34.6441, -12.7349, -1.2891.



This preview shows how white text looks on a background with the HunterLab color 34.6441,

-12.7349, -1.2891.

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

34.6441, -12.7349, -1.2891

Protanopia

34.4431, -0.8222, 0.8893

Deuteranopia

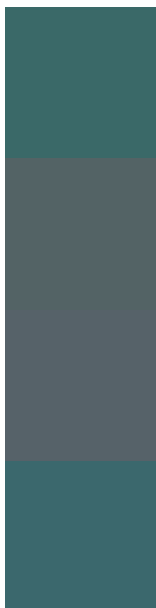
34.4540, 2.3090, -2.1940



Tritanopia

34.6859, -10.5847, -5.0148

Trichromacy



Original Color

34.6441, -12.7349, -1.2891

Protanomaly

34.2086, -5.7123, -0.3597

Deuteranomaly

34.2545, -3.9000, -2.0931

Tritanomaly

34.5464, -11.2965, -3.7410

Monochromacy



Original Color

34.6441, -12.7349, -1.2891

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.9735, -6.1751, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6441, -12.7349, -1.2891 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(58, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(58, 105, 104)  
}
```

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(58, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 105, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6441, -12.7349, -1.2891 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(58, 105, 104) }
```


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

```
.border{ border-color:rgb(58, 105, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 105, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(58, 105,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6441, -12.7349, -1.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 105, 104) }
```

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

```
.background{ background-color: rgb(58, 105,  
104) }
```

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