

Converting Colors

HunterLab(30.4420, -3.1962,
4.6532)

Have a look what the booklet for
HunterLab(30.4420, -3.1962, 4.6532)
contains.

HunterLab(30.4922, -3.4291, 4.7142)	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(30.4922, -3.4291,
4.7142)**

Conversions

Conversions Part 1

Format	Color
Hex	55574E
RGB	85, 87, 78
RGB Percent	33%, 34%, 31%
CMY	0.6667, 0.6588, 0.6941
CMYK	0.02, 0.00, 0.10, 0.66
HSL	73°, 5%, 32%
HSV	73°, 10%, 34%
XYZ	8.5297, 9.2977, 8.5528
YIQ	85.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

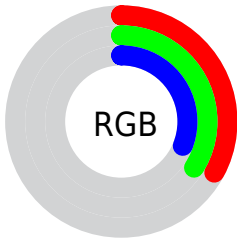
Format	Color
R_{YB}	78, 87, 80
Decimal	5592910
CIE Lab	36.55, -2.66, 4.95
CIE LCh	37, 5.622, 118.239
Yxy	9.2981, 0.3233, 0.3525
Android (android.graphics.Color)	4283782990 (0xFF55574E)
YUV	85.3760, -3.6364, -0.3298
Hunter-Lab	30.4922, -3.4291, 4.7142

Details

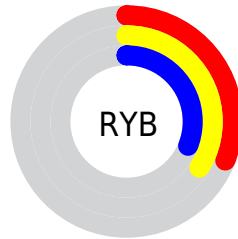
The HunterLab color $30.4922, -3.4291, 4.7142$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $28.0047, 0.4109, -1.8274$, and the grayscale version is $30.2903, -1.6162, 1.6457$.

A 20% lighter version of the original color is $49.5727, -4.7695, 6.4484$, and $14.9082, -2.2413, 3.1284$ is the 20% darker color. If you saturate the color by 10%, you get $30.1532, -5.0252, 7.3252$, and if you desaturate by 10%, it is $30.8596, -1.7091, 1.7845$.

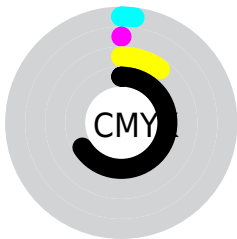
Distribution



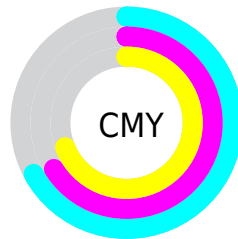
- Red (33%)
- Green (34%)
- Blue (31%)



- Red (31%)
- Yellow (34%)
- Blue (31%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (66%)



- Cyan (67%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4922, -3.4291, 4.7142 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 30.4922, -3.4291, 4.7142 by changing the saturation by 10% instead.

■ 30.4922, -3.4291,
4.7142

■ 30.4922, -3.4291,
4.7142

136.2302,
-10.2649, 12.6256

■ 22.2175, -2.8030,
3.9224

■ 49.4639, -4.7652,
6.3372

■ 14.8656, -2.2014,
3.1322

■ 60.0351, -5.4737,
7.1746

■ 8.5168, -1.8158,
2.8741

■ 71.2677, -6.2090,
8.0316

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.1247, -6.9704,
8.9090

0.0000, NaN, NaN

■ 95.5748, -7.7573,
9.8070

0.0000, NaN, NaN

108.5911, -8.5691,

0.0000, NaN, NaN

10.7258

0.0000, NaN, NaN

122.1499, -9.4052,
11.6654

■ 30.4922, -3.4291,
4.7142

■ 30.4922, -3.4291,
4.7142

■ 30.1532, -5.0252,
7.3252

■ 30.8596, -1.7091,
1.7845

■ 29.8404, -6.4925,
9.6137

■ 31.2533, 0.1336,
-1.4600

■ 29.5542, -7.8302,
11.5801

■ 31.6742, 2.0939,
-5.0118

■ 29.2939, -9.0380,
13.2278

■ 32.1218, 4.1672,
-8.8620

■ 29.0590, -10.1169,
14.5635

■ 32.5961, 6.3481,
-13.0005

■ 28.8484, -11.0696,
15.5980

■ 33.0966, 8.6311,
-17.4157

■ 28.6610, -11.9009,
16.3469

■ 33.6229, 11.0104,
-22.0955

■ 28.4949, -12.6192,
16.8357

■ 34.1745, 13.4803,
-27.0273

■ 28.3432, -13.2728,
17.2326

■ 34.7510, 16.0348,
-32.1979

Harmonies

Analogous

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



30.4929, -1.5102, 5.0998



30.4922, -3.4291, 4.7142



30.4929, -4.8351, 3.5262

Triad

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



30.4929, -3.4299, 4.7146



30.4929, -3.6298, -1.6229



30.4929, 2.3177, 1.5470

Complementary

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



30.4922, -3.4291, 4.7142



28.0047, 0.4109, -1.8274

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.



30.4929, 1.7160, -0.3326



30.4922, -3.4291, 4.7142



30.4929, -1.7469, -2.2345

Square

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



30.4929, -3.4299, 4.7146



30.4929, -4.9484, -0.1253



30.4929, 0.2154, -1.7479



30.4929, 1.8395, 3.3431

Rectangle

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



30.4922, -3.4291, 4.7142



30.4929, -5.3088, 2.3973



30.4929, 0.2154, -1.7479



30.4929, 2.2347, 0.9035

Sweetspot

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



30.4929, -3.4299, 4.7146



40.1771, -2.8669, 3.4251



28.8211, 0.1687, 2.9346



19.8301, -1.4858, 1.8113



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



30.4929, -3.4299, 4.7146



39.7399, -4.9190, 6.8885



30.1602, -4.6133, 4.3344



15.4930, -1.6064, 2.1680



35.1969, -16.6587, 21.3965



83.1779, -40.4341, 50.5459

Inverse Universe

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



28.0047, 0.4109, -1.8274



35.8568, 1.0783, -3.3302



28.3598, 1.6144, -1.3485



14.4212, 0.0473, -0.6483



11.2053, 28.6814, -66.3401



25.9029, 67.4260, -162.0694

Previews

White Background



This preview shows how the HunterLab color 30.4922, -3.4291, 4.7142 looks on a white background.

Color Contrast Check

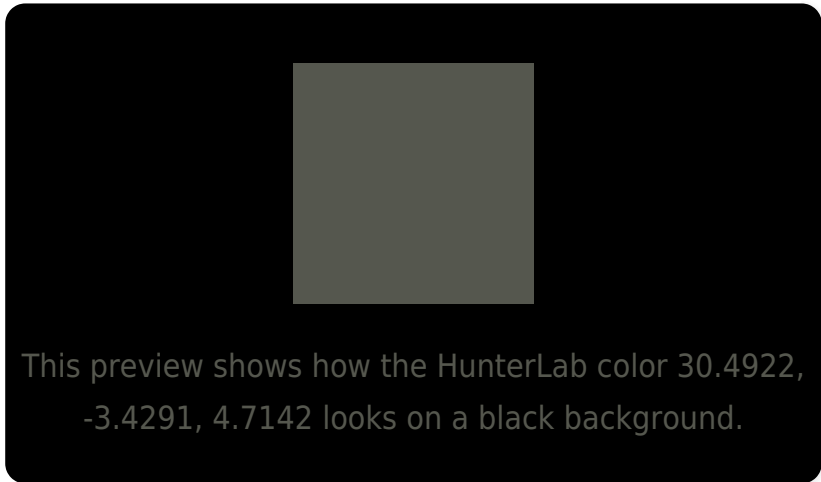
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

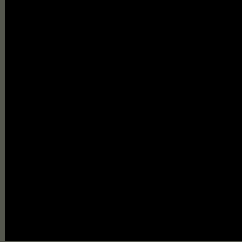
Any Text WCAG AA × Fail

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 30.4922, -3.4291, 4.7142 Background



This preview shows how black text looks on a background with the HunterLab color 30.4922, -3.4291, 4.7142.



This preview shows how white text looks on a background with the HunterLab color 30.4922, -3.4291, 4.7142.

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

30.4922, -3.4291, 4.7142

Protanopia

30.5209, -2.0202, 5.1321

Deuteranopia

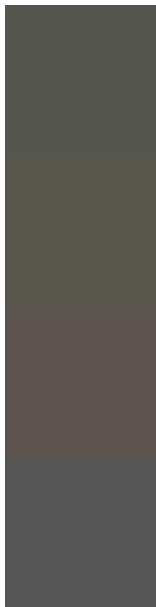
30.4835, 1.8978, 4.4296



Tritanopia

30.4892, -0.0171, -0.9027

Trichromacy



Original Color

30.4922, -3.4291, 4.7142

Protanomaly

30.4403, -2.3020, 5.0414

Deuteranomaly

30.3847, 0.2615, 4.2934

Tritanomaly

30.5322, -1.4821, 1.2782

Monochromacy



Original Color

30.4922, -3.4291, 4.7142

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.3250, -2.4643, 3.0357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4922, -3.4291, 4.7142 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(85, 87, 78)` looks like.

```
.text, #text, p{  
    color:rgb(85, 87, 78)  
}
```

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(85, 87, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 87, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4922, -3.4291, 4.7142 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(85, 87, 78) }
```


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

```
.border{ border-color:rgb(85, 87, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 87, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 87, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 87, 78);  
box-shadow:4px 4px 4px 4px rgb(85, 87, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4922, -3.4291, 4.7142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 87, 78) }
```

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

```
.background{ background-color: rgb(85, 87,  
78) }
```

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