

Converting Colors

HunterLab(26.9101, 30.0550,
-21.3450)

Have a look what the booklet for
HunterLab(26.9101, 30.0550,
-21.3450) contains.

HunterLab(26.9101, 30.0550, -21.3450)	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(26.9101, 30.0550,
-21.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	743177
RGB	116, 49, 119
RGB Percent	45%, 19%, 47%
CMY	0.5451, 0.8078, 0.5333
CMYK	0.03, 0.59, 0.00, 0.53
HSL	297°, 42%, 33%
HSV	297°, 59%, 47%
XYZ	11.6305, 7.2415, 18.2375
YIQ	77.0130, 17.4620, 35.9740

Conversions

Conversions Part 2

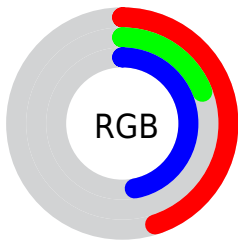
Format	Color
R _Y B	116, 49, 119
Decimal	7614839
CIE Lab	32.35, 39.82, -26.88
CIE LCh	32, 48.047, 325.978
Yxy	7.2419, 0.3134, 0.1951
Android (android.graphics.Color)	4285804919 (0xFF743177)
YUV	77.0130, 20.6996, 34.1916
Hunter-Lab	26.9101, 30.0550, -21.3450

Details

The HunterLab color $[26.9101, 30.0550, -21.3450]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37.6107, -25.1569, 18.1540]$, and the grayscale version is $[27.1711, -1.4498, 1.4763]$.

A 20% lighter version of the original color is $[45.2198, 33.3099, -22.7265]$, and $[12.5140, 24.9642, -19.3048]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.1787, 34.8381, -24.9725]$, and if you desaturate by 10%, it is $[28.9951, 24.7578, -17.3880]$.

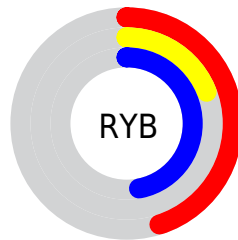
Distribution



Red (45%)

Green (19%)

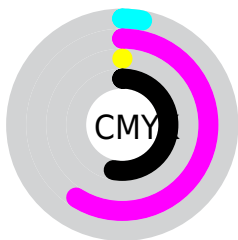
Blue (47%)



Red (45%)

Yellow (19%)

Blue (47%)

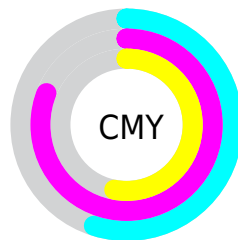


Cyan (3%)

Magenta (59%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (81%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.9101, 30.0550, -21.3450 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 26.9101, 30.0550, -21.3450 by changing the saturation by 10% instead.

26.9101, 30.0550,
-21.3450

26.9101, 30.0550,
-21.3450

130.2530, 40.3366,
-24.6637

19.0100, 28.3596,
-20.8434

45.2307, 33.0973,
-22.4254

12.0829, 26.6357,
-20.5870

55.5114, 34.4341,
-22.9126

5.1020, 35.8149,
-28.1308

66.4710, 35.6565,
-23.3456

0.0000, INF, -NF

0.0000, NaN, NaN

78.0698, 36.7732,
-23.7212

0.0000, NaN, NaN

90.2743, 37.7925,
-24.0392

0.0000, NaN, NaN

0.0000, NaN, NaN

103.0558, 38.7219,

-24.3010

0.0000, NaN, NaN

116.3894, 39.5679,
-24.5084

■ 26.9101, 30.0550,
-21.3450

■ 26.9101, 30.0550,
-21.3450

■ 25.1787, 34.8381,
-24.9725

■ 28.9951, 24.7578,
-17.3880

■ 23.8316, 38.8093,
-28.0563

■ 31.3919, 19.2024,
-13.2836

■ 22.8837, 41.6889,
-30.3884

■ 34.0603, 13.5683,
-9.1555

■ 22.2197, 43.6939,
-32.1137

■ 36.9629, 7.9681,
-5.0793

■ 22.1420, 43.9340,
-32.3209

■ 40.0671, 2.4630,
-1.0940

■ 43.3455, -2.9196,
2.7853

■ 46.7753, -8.1730,
6.5572

■ 50.3378, -13.3023,
10.2283

■ 54.0176, -18.3179,
13.8083

Harmonies

Analogous

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



26.9107, 13.8383, -41.9456



26.9101, 30.0550, -21.3450



26.9107, 37.8613, -0.7281

Triad

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



26.9107, 30.0540, -21.3440



26.9107, 0.8132, 17.6285



26.9107, -24.3472, -15.2943

Complementary

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



26.9101, 30.0550, -21.3450



37.6107, -25.1569, 18.1540

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.



26.9107, -26.2479, 3.4875



26.9101, 30.0550, -21.3450



26.9107, -13.9193, 16.8989

Square

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



26.9107, 30.0540, -21.3440



26.9107, 18.6071, 16.3622



26.9107, -22.9269, 13.4343



26.9107, -16.9239, -37.2186

Rectangle

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



26.9101, 30.0550, -21.3450



26.9107, 36.1450, 8.4911



26.9107, -22.9269, 13.4343



26.9107, -25.5633, -8.1853

Sweetspot

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



26.9107, 30.0540, -21.3440



49.6095, 10.3920, -6.6006



21.1804, 12.2117, -35.5907



23.6773, 5.9403, -3.8532



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



26.9107, 30.0540, -21.3440



32.9121, 48.8890, -35.1651



26.1059, 25.7471, -4.1862



19.3658, 1.2451, -0.5677



22.8204, 45.2814, -33.3210



50.2791, 99.8192, -73.8252

Inverse Universe

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



25.2325, 21.8181, 8.2955



30.2278, 36.4954, 13.3812



37.9913, -22.6474, 11.0171



19.2436, 0.5488, 1.4766



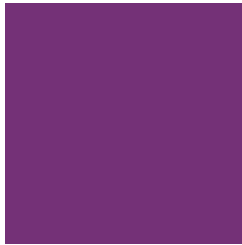
20.4410, 35.0620, 12.7726



45.0877, 77.2662, 28.7307

Previews

White Background



This preview shows how the HunterLab color 26.9101, 30.0550, -21.3450 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



This preview shows how the HunterLab color 26.9101, 30.0550, -21.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

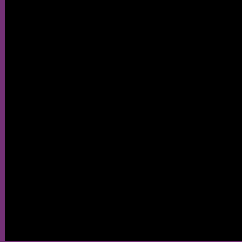
Any Text WCAG AA × Fail

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 26.9101, 30.0550, -21.3450 Background



This preview shows how black text looks on a background with the HunterLab color 26.9101, 30.0550, -21.3450.



This preview shows how white text looks on a background with the HunterLab color 26.9101, 30.0550,

-21.3450.

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

26.9101, 30.0550, -21.3450

Protanopia

27.3448, 6.6755, -38.5211

Deuteranopia

27.1006, 1.8755, -18.0963



Tritanopia

26.9951, 13.9310, 4.8668

Trichromacy



Original Color

26.9101, 30.0550, -21.3450

Protanomaly

26.2352, 13.3193, -34.5720

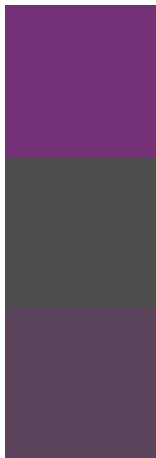
Deuteranomaly

26.1971, 11.4510, -21.0524

Tritanomaly

26.7563, 19.3258, -3.1552

Monochromacy



Original Color

26.9101, 30.0550, -21.3450

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.4786, 9.3004, -6.1932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.9101, 30.0550, -21.3450 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(116, 49, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 49, 119)  
}
```

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(116, 49, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 49, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 26.9101, 30.0550, -21.3450 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(116, 49, 119) }
```


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

```
.border{ border-color:rgb(116, 49, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 49, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 49, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 49, 119);  
box-shadow:4px 4px 4px 4px rgb(116, 49,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.9101, 30.0550, -21.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 49, 119) }
```

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

```
.background{ background-color: rgb(116, 49,  
119) }
```

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