

Converting Colors

HunterLab(16.9751, 7.0734,
-13.2979)

Have a look what the booklet for
HunterLab(16.9751, 7.0734,
-13.2979) contains.

HunterLab(16.9751, 7.0734, -13.2979)	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(16.9751, 7.0734,
-13.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	332A4C
RGB	51, 42, 76
RGB Percent	20%, 16%, 30%
CMY	0.8000, 0.8353, 0.7020
CMYK	0.33, 0.45, 0.00, 0.70
HSL	256°, 29%, 23%
HSV	256°, 45%, 30%
XYZ	3.4977, 2.8815, 7.2093
YIQ	48.5670, -5.5500, 12.4820

Conversions

Conversions Part 2

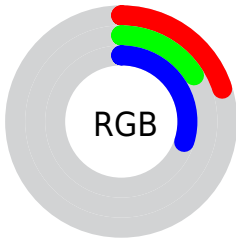
Format	Color
R_{YB}	51, 42, 76
Decimal	3353164
CIE _{Lab}	19.56, 13.02, -19.59
CIE _{LCh}	20, 23.526, 303.604
Yxy	2.8817, 0.2574, 0.2121
Android (android.graphics.Color)	4281543244 (0xFF332A4C)
YUV	48.5670, 13.5245, 2.1337
Hunter-Lab	16.9751, 7.0734, -13.2979

Details

The HunterLab color **16.9751, 7.0734, -13.2979** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **25.5527, -7.5738, 10.5300**, and the grayscale version is **17.3389, -0.9252, 0.9421**.

A 20% lighter version of the original color is **33.0903, 8.2018, -14.2301**, and **3.8659, 9.3180, -18.4120** is the 20% darker color. If you saturate the color by 10%, you get **15.0207, 9.2280, -17.5719**, and if you desaturate by 10%, it is **19.0444, 5.0275, -9.4639**.

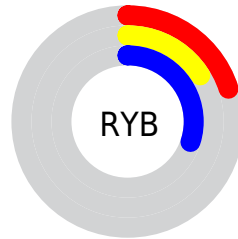
Distribution



Red (20%)

Green (16%)

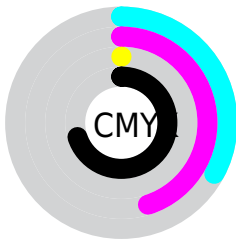
Blue (30%)



Red (20%)

Yellow (16%)

Blue (30%)

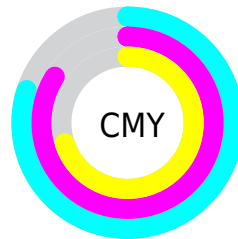


Cyan (33%)

Magenta (45%)

Yellow (0%)

Black (70%)



Cyan (80%)

Magenta (84%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9751, 7.0734, -13.2979 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 16.9751, 7.0734, -13.2979 by changing the saturation by 10% instead.

■ 16.9751, 7.0734,
-13.2979

■ 16.9751, 7.0734,
-13.2979

■ 112.6182, 8.1092,
-15.4521

■ 10.3453, 6.4338,
-12.8914

■ 33.1511, 7.9104,
-14.1971

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.4920, 8.1612,
-14.5679

0.0000, NaN, NaN

■ 52.5753, 8.3228,
-14.8715

0.0000, NaN, NaN

■ 63.3499, 8.4064,
-15.1085

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7741, 8.4208,
-15.2816

0.0000, NaN, NaN

■ 86.8128, 8.3725,

0.0000, NaN, NaN

-15.3943

99.4362, 8.2672,
-15.4500

16.9751, 7.0734,
-13.2979

16.9751, 7.0734,
-13.2979

15.0207, 9.2280,
-17.5719

19.0444, 5.0275,
-9.4639

13.2068, 11.4909,
-22.3570

21.2082, 3.0778,
-5.9929

11.5693, 13.8251,
-27.6697

23.4524, 1.2079,
-2.8135

10.1553, 16.1171,
-33.3802

25.7661, -0.5978,
0.1327

8.8968, 18.5920,
-39.7591

28.1409, -2.3527,
2.8931

■ 8.1962, 20.4025,
-44.0542

■ 30.5702, -4.0681,
5.5048

■ 33.0487, -5.7528,
7.9971

■ 35.5721, -7.4142,
10.3931

■ 38.1369, -9.0581,
12.7112

Harmonies

Analogous

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



16.9754, -0.0652, -17.1015



16.9751, 7.0734, -13.2979



16.9754, 12.6790, -5.6951

Triad

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



16.9754, 7.0732, -13.2974



16.9754, 5.4001, 8.7922



16.9754, -12.2173, 0.1119

Complementary

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



16.9751, 7.0734, -13.2979



25.5527, -7.5738, 10.5300

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.



16.9754, -11.2265, 5.6299



16.9751, 7.0734, -13.2979



16.9754, -1.7321, 9.3798

Square

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



16.9754, 7.0732, -13.2974



16.9754, 11.6097, 6.5278



16.9754, -7.6399, 8.4305



16.9754, -10.5995, -7.6447

Rectangle

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



16.9751, 7.0734, -13.2979



16.9754, 14.3833, -0.5422



16.9754, -7.6399, 8.4305



16.9754, -12.1769, 2.2701

Sweetspot

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



16.9754, 7.0732, -13.2974



31.3361, 1.2949, -3.2169



22.5569, -5.4755, -4.1686



15.8526, 0.8336, -1.9309



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.9754, 7.0732, -13.2974



19.5020, 12.5705, -23.9946



18.4089, 11.2410, -10.4815



12.9425, 0.0549, -0.5214



10.9194, 27.4849, -61.0450



25.8250, 66.2395, -153.9559

Inverse Universe

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



18.9678, 12.1814, -4.6978



22.9607, 20.5429, -7.8109



24.5500, -11.3877, 9.6378



13.1164, 0.5964, 0.0924



18.2559, 34.0463, -9.7733



44.2669, 82.2580, -21.3927

Previews

White Background



This preview shows how the HunterLab color 16.9751, 7.0734, -13.2979 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 16.9751, 7.0734, -13.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

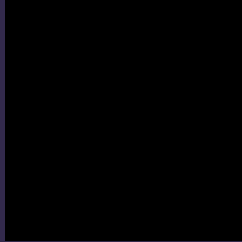
Any Text WCAG AA × Fail

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 16.9751, 7.0734, -13.2979 Background



This preview shows how black text looks on a background with the HunterLab color 16.9751, 7.0734, -13.2979.



This preview shows how white text looks on a background with the HunterLab color 16.9751, 7.0734, -13.2979.

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

16.9751, 7.0734, -13.2979

Protanopia

16.9012, 2.6579, -16.1629

Deuteranopia

17.1617, 0.6934, -12.4101



Tritanopia

17.1282, -0.9904, -0.3044

Trichromacy



Original Color

16.9751, 7.0734, -13.2979

Protanomaly

17.0071, 4.0834, -15.2367

Deuteranomaly

17.0678, 2.7827, -12.5578

Tritanomaly

17.0547, 1.6741, -4.3235

Monochromacy



Original Color

16.9751, 7.0734, -13.2979

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.1694, 1.9934, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9751, 7.0734, -13.2979 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(51, 42, 76)` looks like.

```
.text, #text, p{  
    color:rgb(51, 42, 76)  
}
```

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(51, 42, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 42, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9751, 7.0734, -13.2979 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(51, 42, 76) }
```


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

```
.border{ border-color:rgb(51, 42, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 42, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 42, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 42, 76);  
box-shadow:4px 4px 4px 4px rgb(51, 42, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9751, 7.0734, -13.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 42, 76) }
```

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

```
.background{ background-color: rgb(51, 42,  
76) }
```

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