

Converting Colors

HunterLab(31.8322, 17.5516,
-12.0017)

Have a look what the booklet for
HunterLab(31.8322, 17.5516,
-12.0017) contains.

HunterLab(31.7067, 17.6351, -12.2038)	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(31.7067, 17.6351,
-12.2038)**

Conversions

Conversions Part 1

Format	Color
Hex	744B76
RGB	116, 75, 118
RGB Percent	45%, 29%, 46%
CMY	0.5451, 0.7059, 0.5373
CMYK	0.02, 0.36, 0.00, 0.54
HSL	297°, 22%, 38%
HSV	297°, 36%, 46%
XYZ	12.9885, 10.0531, 18.3954
YIQ	92.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

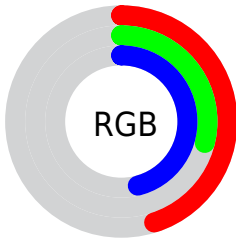
Format	Color
R_{YB}	116, 75, 118
Decimal	7621494
CIE _{Lab}	37.94, 25.05, -17.57
CIE _{LCh}	38, 30.594, 324.957
Yxy	10.0536, 0.3135, 0.2426
Android (android.graphics.Color)	4285811574 (0xFF744B76)
YUV	92.1610, 12.7386, 20.9068
Hunter-Lab	31.7067, 17.6351, -12.2038

Details

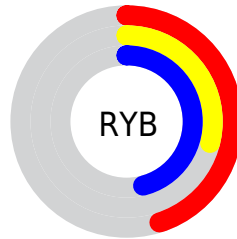
The HunterLab color $[31.7067, 17.6351, -12.2038]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38.7851, -18.1265, 13.4053]$, and the grayscale version is $[32.7262, -1.7462, 1.7781]$.

A 20% lighter version of the original color is $[50.9946, 19.1010, -12.4596]$, and $[15.8563, 15.7004, -11.6209]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2593, 23.1543, -16.2964]$, and if you desaturate by 10%, it is $[34.4141, 12.0695, -8.1118]$.

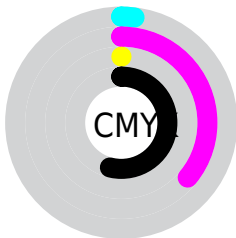
Distribution



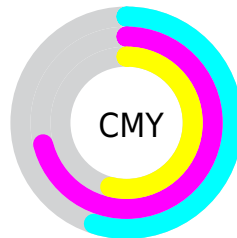
- Red (45%)
- Green (29%)
- Blue (46%)



- Red (45%)
- Yellow (29%)
- Blue (46%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7067, 17.6351, -12.2038 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 31.7067, 17.6351, -12.2038 by changing the saturation by 10% instead.

31.7067, 17.6351, -12.2038	31.7067, 17.6351, -12.2038
138.2223, 22.1827, -12.7982	23.3120, 16.6147, -11.8159
50.8884, 19.2809, -12.7686	15.8253, 15.4430, -11.3786
61.5537, 19.9386, -12.9474	9.3746, 14.1222, -10.9733
72.8749, 20.5020, -13.0617	0.0000, INF, -NF
84.8159, 20.9806, -13.1156	0.0000, NaN, NaN
97.3461, 21.3819, -13.1128	0.0000, NaN, NaN
110.4389, 21.7126,	0.0000, NaN, NaN

-13.0570

0.0000, NaN, NaN

124.0712, 21.9779,
-12.9512

■ 31.7067, 17.6351,
-12.2038

■ 31.7067, 17.6351,
-12.2038

■ 29.2593, 23.1543,
-16.2964

■ 34.4141, 12.0695,
-8.1118

■ 27.1096, 28.4700,
-20.2821

■ 37.3434, 6.5570,
-4.0869

■ 25.2985, 33.3486,
-23.9960

■ 40.4647, 1.1472,
-0.1593

■ 23.8612, 37.5000,
-27.2287

■ 43.7518, -4.1392,
3.6605

■ 22.8176, 40.6334,
-29.7647

■ 47.1836, -9.2992,
7.3741

■ 22.1148, 42.7265,
-31.5767

■ 50.7423, -14.3395,
10.9892

■ 21.8780, 43.4453,
-32.2071

■ 54.4135, -19.2713,
14.5163

■ 58.1852, -24.1074,
17.9663

■ 62.0475, -28.8608,
21.3502

Harmonies

Analogous

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



31.7074, 7.7739, -22.5957



31.7067, 17.6351, -12.2038



31.7074, 22.3553, -0.1017

Triad

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



31.7074, 17.6341, -12.2030



31.7074, 0.1948, 15.9754



31.7074, -18.7416, -8.0362

Complementary

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



31.7067, 17.6351, -12.2038



38.7851, -18.1265, 13.4053

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.



31.7074, -20.1963, 3.4508



31.7067, 17.6351, -12.2038



31.7074, -10.1659, 15.1218

Square

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



31.7074, 17.6341, -12.2030



31.7074, 11.4450, 14.2108



31.7074, -17.2747, 11.2725



31.7074, -12.9893, -19.6689

Rectangle

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



31.7067, 17.6351, -12.2038



31.7074, 21.5428, 6.5098



31.7074, -17.2747, 11.2725



31.7074, -19.7129, -3.9435

Sweetspot

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



31.7074, 17.6341, -12.2030



51.6261, 4.9704, -2.7121



28.5186, 5.4005, -17.9656



24.5528, 2.7337, -1.5548



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.7074, 17.6341, -12.2030



39.2124, 29.7302, -20.8848



31.2703, 15.0497, -2.6843



19.3641, 1.2395, -0.5699



22.7525, 45.1836, -33.5084



50.1210, 99.5918, -74.2626

Inverse Universe

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



30.6919, 12.1663, 5.5610



37.5433, 20.9949, 8.6415



39.0735, -16.2243, 7.5983



19.2441, 0.5515, 1.4692



20.4434, 35.0709, 12.7370



45.0901, 77.2750, 28.6955

Previews

White Background



This preview shows how the HunterLab color 31.7067, 17.6351, -12.2038 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 31.7067, 17.6351, -12.2038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

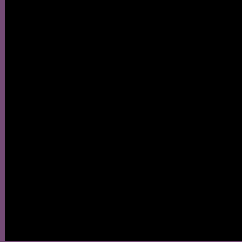
Any Text WCAG AA × Fail

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 31.7067, 17.6351, -12.2038 Background



This preview shows how black text looks on a background with the HunterLab color 31.7067, 17.6351, -12.2038.



This preview shows how white text looks on a background with the HunterLab color 31.7067, 17.6351, -12.2038.

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

31.7067, 17.6351, -12.2038

Protanopia

31.8053, 2.9699, -18.4197

Deuteranopia

31.8931, 2.3292, -11.0235



Tritanopia

31.6768, 8.7261, 2.3912

Trichromacy



Original Color

31.7067, 17.6351, -12.2038

Protanomaly

31.4100, 7.8042, -16.5032

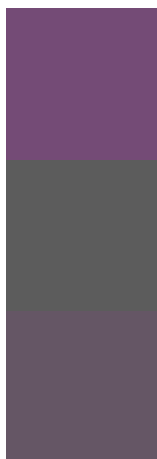
Deuteranomaly

31.5558, 7.7247, -12.0414

Tritanomaly

31.6284, 11.5740, -2.4364

Monochromacy



Original Color

31.7067, 17.6351, -12.2038

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.1898, 4.9069, -2.7560

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7067, 17.6351, -12.2038 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, 75, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 75, 118)  
}
```

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, 75, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 75, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7067, 17.6351, -12.2038 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, 75, 118) }
```


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

```
.border{ border-color:rgb(116, 75, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 75, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 75, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 75, 118); box-shadow:4px 4px 4px 4px rgb(116, 75, 118) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7067, 17.6351, -12.2038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 75, 118) }
```

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

```
.background{ background-color: rgb(116, 75,  
118) }
```

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