

Converting Colors

HunterLab(31.2251, 11.1347,
-7.8028)

Have a look what the booklet for
HunterLab(31.2251, 11.1347,
-7.8028) contains.

HunterLab(31.2414, 11.0345, -8.0134)	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(31.2414, 11.0345,
-8.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4F6D
RGB	106, 79, 109
RGB Percent	42%, 31%, 43%
CMY	0.5843, 0.6902, 0.5725
CMYK	0.03, 0.28, 0.00, 0.57
HSL	294°, 16%, 37%
HSV	294°, 28%, 43%
XYZ	11.5002, 9.7603, 15.7458
YIQ	90.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

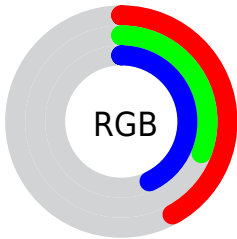
Format	Color
R_{YB}	106, 79, 109
Decimal	6967149
CIE _{Lab}	37.41, 17.09, -12.89
CIE _{LCh}	37, 21.408, 322.968
Yxy	9.7607, 0.3108, 0.2638
Android (android.graphics.Color)	4285157229 (0xFF6A4F6D)
YUV	90.4930, 9.1240, 13.5996
Hunter-Lab	31.2414, 11.0345, -8.0134

Details

The HunterLab color $[31.2414, 11.0345, -8.0134]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[36.4635, -13.0961, 10.2108]$, and the grayscale version is $[32.1235, -1.7140, 1.7453]$.

A 20% lighter version of the original color is $[50.2799, 12.3111, -8.5628]$, and $[15.4289, 9.5494, -7.2910]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7204, 15.9230, -11.8916]$, and if you desaturate by 10%, it is $[33.9580, 6.1883, -4.2280]$.

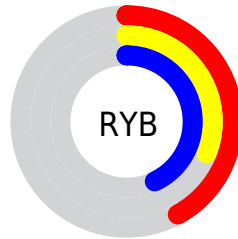
Distribution



Red (42%)

Green (31%)

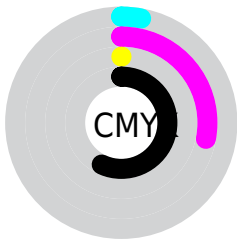
Blue (43%)



Red (42%)

Yellow (31%)

Blue (43%)

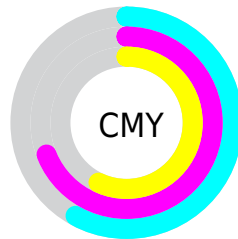


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2414, 11.0345, -8.0134 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 31.2414, 11.0345, -8.0134 by changing the saturation by 10% instead.

31.2414, 11.0345,
-8.0134

31.2414, 11.0345,
-8.0134

137.4610, 12.5407,
-7.1361

22.8923, 10.4209,
-7.7828

50.3432, 11.9111,
-8.2379

15.4567, 9.6624,
-7.4707

60.9727, 12.2073,
-8.2456

9.0569, 8.7683,
-7.1168

72.2602, 12.4234,
-8.1912

0.0000, INF, -NF

0.0000, NaN, NaN

84.1692, 12.5675,
-8.0796

0.0000, NaN, NaN

96.6689, 12.6463,
-7.9149

0.0000, NaN, NaN

109.7326, 12.6652,

0.0000, NaN, NaN

-7.7008

0.0000, NaN, NaN

123.3368, 12.6287,
-7.4403

■ 31.2414, 11.0345,
-8.0134

■ 31.2414, 11.0345,
-8.0134

■ 28.7204, 15.9230,
-11.8916

■ 33.9580, 6.1883,
-4.2280

■ 26.4250, 20.7768,
-15.8156

■ 36.8411, 1.4277,
-0.5579

■ 24.3916, 25.4600,
-19.6927

■ 39.8690, -3.2321,
2.9946

■ 22.6580, 29.7708,
-23.3763

■ 43.0231, -7.7893,
6.4357

■ 21.2583, 33.4489,
-26.6671

■ 46.2882, -12.2499,
9.7761

■ 20.2146, 36.2217,
-29.3451

■ 49.6520, -16.6234,
13.0277

■ 19.4426, 38.1995,
-31.4711

■ 53.1041, -20.9204,
16.2027

■ 19.2521, 38.7048,
-32.0164

■ 56.6359, -25.1518,
19.3123

■ 60.2404, -29.3274,
22.3666

Harmonies

Analogous

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



31.2421, 4.3132, -14.2207



31.2414, 11.0345, -8.0134



31.2421, 14.4031, -0.0711

Triad

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



31.2421, 11.0336, -8.0127



31.2421, 0.1624, 12.6878



31.2421, -14.1510, -4.3012

Complementary

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



31.2414, 11.0345, -8.0134



36.4635, -13.0961, 10.2108

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.



31.2421, -15.0316, 3.3742



31.2414, 11.0345, -8.0134



31.2421, -7.2318, 12.0775

Square

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



31.2421, 11.0336, -8.0127



31.2421, 7.7451, 10.9747



31.2421, -12.6184, 9.0415



31.2421, -10.0849, -11.7414

Rectangle

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



31.2414, 11.0345, -8.0134



31.2421, 14.0864, 4.6953



31.2421, -12.6184, 9.0415



31.2421, -14.8122, -1.6234

Sweetspot

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



31.2421, 11.0336, -8.0127



49.0219, 2.3526, -1.0855



29.6672, 2.2479, -10.5945



23.4180, 1.5045, -0.8073



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



31.2421, 11.0336, -8.0127



39.6164, 18.9467, -14.0296



31.1555, 9.9937, -2.1497



17.7463, 1.0228, -0.5228



20.8071, 41.8392, -34.6664



46.7399, 94.1218, -78.9300

Inverse Universe

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



30.7454, 7.8873, 3.6886



38.8023, 13.8219, 5.5784



36.5446, -12.2673, 6.2455



17.6671, 0.5141, 1.2436



19.5668, 33.6411, 11.6181



44.0959, 75.6697, 27.2991

Previews

White Background



This preview shows how the HunterLab color 31.2414, 11.0345, -8.0134 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 31.2414, 11.0345, -8.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

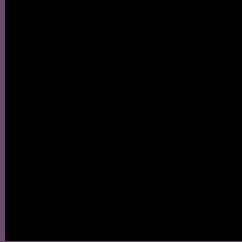
Any Text WCAG AA × Fail

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 31.2414, 11.0345, -8.0134 Background



This preview shows how black text looks on a background with the HunterLab color 31.2414, 11.0345, -8.0134.



This preview shows how white text looks on a background with the HunterLab color 31.2414, 11.0345, -8.0134.

-8.0134.

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

31.2414, 11.0345, -8.0134

Protanopia

31.3106, 1.6233, -11.3918

Deuteranopia

31.2482, 2.2391, -7.6247



Tritanopia

31.2911, 5.0804, 1.4624

Trichromacy



Original Color

31.2414, 11.0345, -8.0134

Protanomaly

31.1554, 4.8767, -10.4477

Deuteranomaly

31.0627, 5.4960, -7.8428

Tritanomaly

31.3403, 6.8799, -1.5032

Monochromacy



Original Color

31.2414, 11.0345, -8.0134

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.6314, 2.8220, -1.6576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2414, 11.0345, -8.0134 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(106, 79, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 79, 109)  
}
```

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(106, 79, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 79, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2414, 11.0345, -8.0134 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(106, 79, 109) }
```


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

```
.border{ border-color:rgb(106, 79, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 79, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 79, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 79, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 79,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2414, 11.0345, -8.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 79, 109) }
```

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

```
.background{ background-color: rgb(106, 79,  
109) }
```

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