

Converting Colors

HunterLab(33.2246, 13.3553,
-7.8684)

Have a look what the booklet for
HunterLab(33.2246, 13.3553,
-7.8684) contains.

HunterLab(33.1097, 13.5290, -7.8686)	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(33.1097, 13.5290,
-7.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	745272
RGB	116, 82, 114
RGB Percent	45%, 32%, 45%
CMY	0.5451, 0.6784, 0.5529
CMYK	0.00, 0.29, 0.02, 0.55
HSL	304°, 17%, 39%
HSV	304°, 29%, 45%
XYZ	13.2570, 10.9625, 17.3369
YIQ	95.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

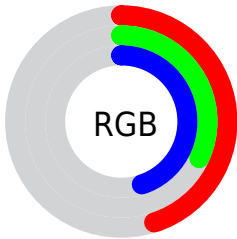
Format	Color
RYB	116, 82, 114
Decimal	7623282
CIELab	39.52, 20.00, -12.68
CIElCh	40, 23.683, 327.627
Yxy	10.9630, 0.3190, 0.2638
Android (android.graphics.Color)	4285813362 (0xFF745272)
YUV	95.8140, 8.9657, 17.7031
Hunter-Lab	33.1097, 13.5290, -7.8686

Details

The HunterLab color **33.1097, 13.5290, -7.8686** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **38.6330, -15.2782, 10.6647**, and the grayscale version is **34.0973, -1.8193, 1.8526**.

A 20% lighter version of the original color is **52.6220, 14.7510, -7.9642**, and **16.8772, 12.0195, -7.4970** is the 20% darker color. If you saturate the color by 10%, you get **30.5669, 19.0164, -11.3175**, and if you desaturate by 10%, it is **35.8867, 8.0595, -4.3852**.

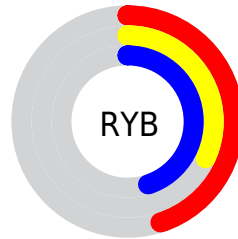
Distribution



Red (45%)

Green (32%)

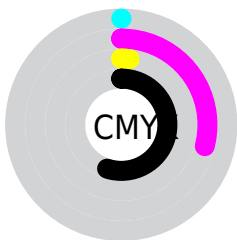
Blue (45%)



Red (45%)

Yellow (32%)

Blue (45%)

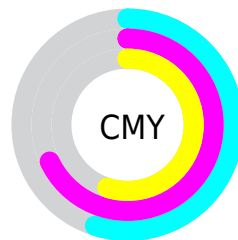


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (55%)



Cyan (55%)

Magenta (68%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1097, 13.5290, -7.8686 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 33.1097, 13.5290, -7.8686 by changing the saturation by 10% instead.

33.1097, 13.5290,
-7.8686

33.1097, 13.5290,
-7.8686

140.5039, 16.0358,
-6.8121

24.5804, 12.7863,
-7.6638

52.5278, 14.6533,
-8.0447

16.9429, 11.8981,
-7.3766

63.2995, 15.0676,
-8.0305

10.3178, 10.8408,
-7.0171

74.7208, 15.3978,
-7.9554

0.0000, INF, -NF

0.0000, NaN, NaN

86.7568, 15.6524,
-7.8243

0.0000, NaN, NaN

99.3775, 15.8383,
-7.6412

0.0000, NaN, NaN

112.5570, 15.9612,

0.0000, NaN, NaN

-7.4095

0.0000, NaN, NaN

126.2725, 16.0256,
-7.1323

■ 33.1097, 13.5290,
-7.8686

■ 33.1097, 13.5290,
-7.8686

■ 30.5669, 19.0164,
-11.3175

■ 35.8867, 8.0595,
-4.3852

■ 28.2928, 24.4079,
-14.6528

■ 38.8637, 2.6765,
-0.9186

■ 26.3271, 29.5205,
-17.7521

■ 42.0142, -2.5901,
2.5058

■ 24.7074, 34.1057,
-20.4549

■ 45.3154, -7.7311,
5.8767

■ 23.4629, 37.8770,
-22.5824

■ 48.7486, -12.7497,
9.1914

■ 22.6044, 40.5803,
-23.9835

■ 52.2985, -17.6551,
12.4524

■ 21.9987, 42.5108,
-24.8640

■ 55.9521, -22.4596,
15.6643

■ 21.9567, 42.6474,
-24.9262

■ 59.6989, -27.1760,
18.8329

■ 63.5301, -31.8166,
21.9641

Harmonies

Analogous

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



33.1104, 6.3258, -15.5611



33.1097, 13.5290, -7.8686



33.1104, 16.5978, 1.1385

Triad

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



33.1104, 13.5280, -7.8678



33.1104, -1.0750, 14.0586



33.1104, -15.2875, -6.4312

Complementary

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



33.1097, 13.5290, -7.8686



38.6330, -15.2782, 10.6647

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.



33.1104, -16.8391, 2.4526



33.1097, 13.5290, -7.8686



33.1104, -9.1529, 13.0029

Square

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



33.1104, 13.5280, -7.8678



33.1104, 7.6433, 12.5971



33.1104, -14.7101, 9.2216



33.1104, -10.2338, -14.5927

Rectangle

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



33.1097, 13.5290, -7.8686



33.1104, 15.6733, 6.2557



33.1104, -14.7101, 9.2216



33.1104, -16.2117, -3.3710

Sweetspot

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



33.1104, 13.5280, -7.8678



51.5590, 3.4917, -1.1812



30.2773, 4.7882, -13.6159



24.9469, 2.1171, -0.8432



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.



33.1104, 13.5280, -7.8678



41.6426, 22.7271, -13.4504



32.5834, 10.8647, -0.4454



19.3763, 1.2621, -0.4120



23.2577, 45.1712, -26.3790



51.2982, 99.5644, -57.6621

Inverse Universe

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



33.1104, 13.5280, -7.8678



41.6426, 22.7271, -13.4504



39.0112, -13.0886, 5.2137



19.3763, 1.2621, -0.4120



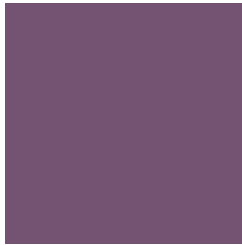
23.2577, 45.1712, -26.3790



51.2982, 99.5644, -57.6621

Previews

White Background



This preview shows how the HunterLab color 33.1097, 13.5290, -7.8686 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 33.1097, 13.5290, -7.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

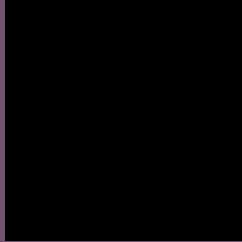
Any Text WCAG AA × Fail

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 33.1097, 13.5290, -7.8686 Background



This preview shows how black text looks on a background with the HunterLab color 33.1097, 13.5290, -7.8686.



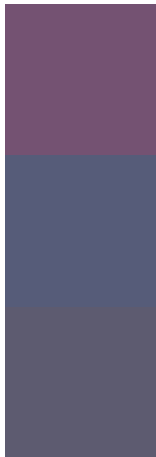
This preview shows how white text looks on a background with the HunterLab color 33.1097, 13.5290, -7.8686.

-7.8686.

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

33.1097, 13.5290, -7.8686

Protanopia

33.1861, 1.7149, -11.8387

Deuteranopia

33.1348, 2.2411, -6.9727



Tritanopia

33.1008, 7.3979, 1.9765

Trichromacy



Original Color

33.1097, 13.5290, -7.8686

Protanomaly

32.9072, 5.8203, -10.5017

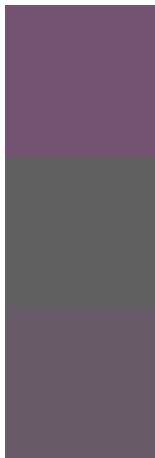
Deuteranomaly

33.0733, 6.0084, -7.5220

Tritanomaly

33.1873, 9.3526, -1.3819

Monochromacy



Original Color

33.1097, 13.5290, -7.8686

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.6824, 3.4989, -1.7715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1097, 13.5290, -7.8686 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, 82, 114)` looks like.

```
.text, #text, p{  
    color:rgb(116, 82, 114)  
}
```

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, 82, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 82, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1097, 13.5290, -7.8686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

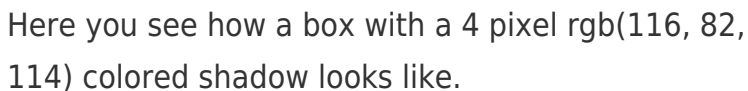
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 82, 114) }
```


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

```
.border{ border-color:rgb(116, 82, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 82, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 82, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 82, 114); box-shadow:4px 4px 4px 4px rgb(116, 82, 114) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1097, 13.5290, -7.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 82, 114) }
```

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

```
.background{ background-color: rgb(116, 82,  
114) }
```

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