

Converting Colors

HunterLab(33.3495, 13.4057,
-12.1811)

Have a look what the booklet for
HunterLab(33.3495, 13.4057,
-12.1811) contains.

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Color

**HunterLab(33.3202, 13.5615,
-11.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	71537A
RGB	113, 83, 122
RGB Percent	44%, 33%, 48%
CMY	0.5569, 0.6745, 0.5216
CMYK	0.07, 0.32, 0.00, 0.52
HSL	286°, 19%, 40%
HSV	286°, 32%, 48%
XYZ	13.4162, 11.1024, 19.8482
YIQ	96.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

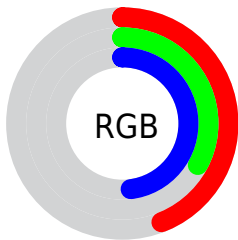
Format	Color
R_{YB}	113, 83, 122
Decimal	7426938
CIE _{Lab}	39.75, 20.02, -17.28
CIE _{LCh}	40, 26.445, 319.212
Yxy	11.1028, 0.3024, 0.2502
Android (android.graphics.Color)	4285617018 (0xFF71537A)
YUV	96.4160, 12.6129, 14.5442
Hunter-Lab	33.3202, 13.5615, -11.9938

Details

The HunterLab color **33.3202, 13.5615, -11.9938** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **41.0112, -15.4710, 13.1683**, and the grayscale version is **34.3099, -1.8307, 1.8641**.

A 20% lighter version of the original color is **52.7916, 14.6047, -12.7642**, and **17.0122, 11.9730, -11.2755** is the 20% darker color. If you saturate the color by 10%, you get **30.3537, 18.6670, -16.9347**, and if you desaturate by 10%, it is **36.5055, 8.4894, -7.2613**.

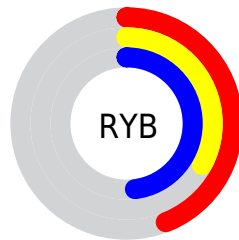
Distribution



Red (44%)

Green (33%)

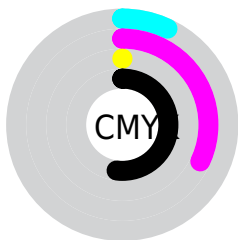
Blue (48%)



Red (44%)

Yellow (33%)

Blue (48%)

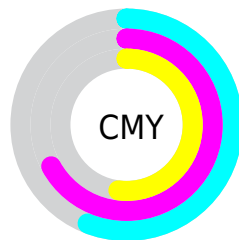


Cyan (7%)

Magenta (32%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3202, 13.5615, -11.9938 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 33.3202, 13.5615, -11.9938 by changing the saturation by 10% instead.

■ 33.3202, 13.5615,
-11.9938

■ 33.3202, 13.5615,
-11.9938

■ 140.8445, 16.0601,
-12.4038

■ 24.7710, 12.8211,
-11.6266

■ 52.7733, 14.6829,
-12.5130

■ 17.1113, 11.9354,
-11.2018

■ 63.5606, 15.0960,
-12.6696

■ 10.4606, 10.8813,
-10.7773

■ 74.9968, 15.4252,
-12.7624

0.0000, INF, -NF

■ 87.0468, 15.6791,
-12.7957

0.0000, NaN, NaN

■ 99.6809, 15.8642,
-12.7732

0.0000, NaN, NaN

112.8733, 15.9864,

0.0000, NaN, NaN

-12.6984

0.0000, NaN, NaN

126.6012, 16.0504,
-12.5744

■ 33.3202, 13.5615,
-11.9938

■ 33.3202, 13.5615,
-11.9938

■ 30.3537, 18.6670,
-16.9347

■ 36.5055, 8.4894,
-7.2613

■ 27.6427, 23.7192,
-22.0440

■ 39.8756, 3.4966,
-2.7447

■ 25.2331, 28.5576,
-27.2153

■ 43.4051, -1.4023,
1.5706

■ 23.1741, 32.9333,
-32.2514

■ 47.0732, -6.2067,
5.7066

■ 21.5115, 36.5144,
-36.8542

■ 50.8631, -10.9237,
9.6873

■ 20.2747, 38.9541,
-40.6692

■ 54.7610, -15.5635,
13.5356

■ 19.4338, 40.5113,
-43.4899

■ 58.7557, -20.1372,
17.2725

■ 62.8380, -24.6554,
20.9159

■ 67.0002, -29.1281,
24.4816

Harmonies

Analogous

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



33.3209, 4.5868, -19.6833



33.3202, 13.5615, -11.9938



33.3209, 18.6065, -1.6832

Triad

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



33.3209, 13.5606, -11.9930



33.3209, 1.7858, 14.9650



33.3209, -17.6353, -4.5733

Complementary

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



33.3202, 13.5615, -11.9938



41.0112, -15.4710, 13.1683

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.



33.3209, -18.2024, 4.9685



33.3202, 13.5615, -11.9938



33.3209, -7.7014, 14.6004

Square

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



33.3209, 13.5606, -11.9930



33.3209, 11.3094, 12.6501



33.3209, -14.7654, 11.4519



33.3209, -13.1159, -14.6223

Rectangle

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



33.3202, 13.5615, -11.9938



33.3209, 18.7160, 4.5326



33.3209, -14.7654, 11.4519



33.3209, -18.2732, -1.1555

Sweetspot

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



33.3209, 13.5606, -11.9930



53.6832, 3.5082, -2.6353



33.0398, 1.1571, -12.6622



25.4228, 2.0289, -1.5726



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.



33.3209, 13.5606, -11.9930



41.4272, 22.6950, -20.4357



33.8903, 14.5460, -5.4771



20.0826, 1.0162, -0.7250



19.9310, 41.5548, -44.6577



43.0717, 90.1450, -99.1700

Inverse Universe

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



33.3125, 11.6370, 2.7090



41.4561, 19.6308, 4.0125



40.6888, -16.2774, 9.5607



20.0719, 0.7372, 1.1421



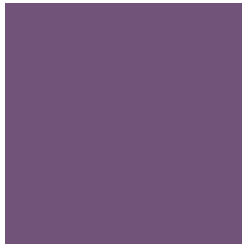
21.0810, 36.5188, 10.3902



45.9213, 79.3126, 24.4722

Previews

White Background



This preview shows how the HunterLab color 33.3202, 13.5615, -11.9938 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 33.3202, 13.5615, -11.9938 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 33.3202, 13.5615, -11.9938 Background



This preview shows how black text looks on a background with the HunterLab color 33.3202, 13.5615, -11.9938.



This preview shows how white text looks on a background with the HunterLab color 33.3202, 13.5615, -11.9938.

-11.9938.

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

33.3202, 13.5615, -11.9938

Protanopia

33.5450, 2.1925, -15.9998

Deuteranopia

33.3680, 2.2534, -10.9728



Tritanopia

33.2519, 5.4856, 1.2815

Trichromacy



Original Color

33.3202, 13.5615, -11.9938

Protanomaly

33.2126, 6.1261, -14.6640

Deuteranomaly

33.3495, 6.1914, -11.5014

Tritanomaly

33.1519, 8.2542, -3.3291

Monochromacy



Original Color

33.3202, 13.5615, -11.9938

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.6554, 3.5302, -2.7440

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3202, 13.5615, -11.9938 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(113, 83, 122)` looks like.

```
.text, #text, p{  
    color:rgb(113, 83, 122)  
}
```

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(113, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 83, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3202, 13.5615, -11.9938 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(113, 83, 122) }
```


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

```
.border{ border-color:rgb(113, 83, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 83, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 83, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 83, 122);  
box-shadow:4px 4px 4px 4px rgb(113, 83,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3202, 13.5615, -11.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 83, 122) }
```

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

```
.background{ background-color: rgb(113, 83,  
122) }
```

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](#).

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