

Converting Colors

HunterLab(33.5574, 13.5183,
-5.7591)

Have a look what the booklet for
HunterLab(33.5574, 13.5183,
-5.7591) contains.

HunterLab(33.5502, 13.4862, -5.6673)	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(33.5502, 13.4862,
-5.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	77536F
RGB	119, 83, 111
RGB Percent	47%, 33%, 44%
CMY	0.5333, 0.6745, 0.5647
CMYK	0.00, 0.30, 0.07, 0.53
HSL	313°, 18%, 40%
HSV	313°, 30%, 47%
XYZ	13.5703, 11.2562, 16.4964
YIQ	96.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

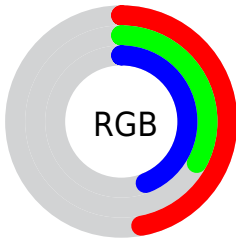
Format	Color
R_{YB}	119, 83, 111
Decimal	7820143
CIE Lab	40.01, 19.91, -10.05
CIE LCh	40, 22.304, 333.211
Yxy	11.2567, 0.3284, 0.2724
Android (android.graphics.Color)	4286010223 (0xFF77536F)
YUV	96.9560, 6.9237, 19.3326
Hunter-Lab	33.5502, 13.4862, -5.6673

Details

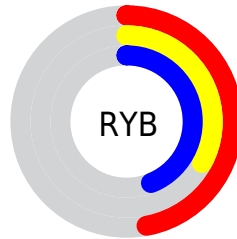
The HunterLab color **33.5502, 13.4862, -5.6673** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **39.7345, -15.3900, 9.4452**, and the grayscale version is **34.5302, -1.8424, 1.8761**.

A 20% lighter version of the original color is **53.0943, 14.7063, -5.7198**, and **17.2746, 11.9757, -5.2862** is the 20% darker color. If you saturate the color by 10%, you get **30.8737, 18.7812, -8.0836**, and if you desaturate by 10%, it is **36.4634, 8.1916, -3.1017**.

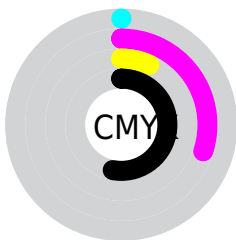
Distribution



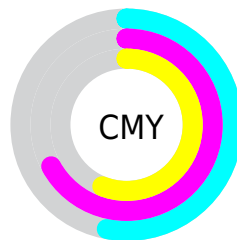
- Red (47%)
- Green (33%)
- Blue (44%)



- Red (47%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5502, 13.4862, -5.6673 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 33.5502, 13.4862, -5.6673 by changing the saturation by 10% instead.

■ 33.5502, 13.4862, -5.6673

■ 33.5502, 13.4862, -5.6673

■ 141.2162, 15.9236, -3.6765

■ 24.9795, 12.7549, -5.5807

■ 53.0413, 14.5908, -5.6126

■ 17.2957, 11.8793, -5.4078

■ 63.8458, 14.9965, -5.4880

■ 10.6172, 10.8356, -5.1421

■ 75.2981, 15.3188, -5.3062

■ 0.3232, 268.4181, -128.9091

■ 87.3635, 15.5660, -5.0717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0122, 15.7450, -4.7885

0.0000, NaN, NaN

113.2186, 15.8612,

0.0000, NaN, NaN

-4.4598

0.0000, NaN, NaN

126.9599, 15.9194,
-4.0883

■ 33.5502, 13.4862,
-5.6673

■ 33.5502, 13.4862,
-5.6673

■ 30.8737, 18.7812,
-8.0836

■ 36.4634, 8.1916,
-3.1017

■ 28.4700, 23.9649,
-10.2706

■ 39.5779, 2.9649,
-0.4455

■ 26.3817, 28.8545,
-12.1165

■ 42.8666, -2.1648,
2.2653

■ 24.6499, 33.1982,
-13.4874

■ 46.3065, -7.1880,
5.0078

■ 23.3079, 36.7017,
-14.2493

■ 49.8789, -12.1067,
7.7681

■ 22.3697, 39.1016,
-14.3104

■ 53.5681, -16.9291,
10.5384

■ 21.6897, 40.7516,
-13.9478

■ 57.3616, -21.6659,
13.3142

■ 61.2488, -26.3284,
16.0937

■ 65.2208, -30.9276,
18.8762

Harmonies

Analogous

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



33.5509, 7.2941, -13.3132



33.5502, 13.4862, -5.6673



33.5509, 15.4579, 2.6561

Triad

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



33.5509, 13.4851, -5.6665



33.5509, -2.6712, 13.6209



33.5509, -13.9978, -7.4779

Complementary

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



33.5502, 13.4862, -5.6673



39.7345, -15.3900, 9.4452

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.



33.5509, -16.1358, 0.9746



33.5502, 13.4862, -5.6673



33.5509, -10.0035, 12.1127

Square

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



33.5509, 13.4851, -5.6665



33.5509, 5.6189, 12.6512



33.5509, -14.7460, 7.9108



33.5509, -8.6107, -14.5233

Rectangle

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



33.5502, 13.4862, -5.6673



33.5509, 13.9740, 7.2192



33.5509, -14.7460, 7.9108



33.5509, -15.0955, -4.6435

Sweetspot

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



33.5509, 13.4851, -5.6665



53.4013, 3.2600, -0.2283



31.1978, 6.7289, -13.8269



25.7424, 1.9967, -0.3241



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.



33.5509, 13.4851, -5.6665



42.4713, 22.7759, -9.7663



33.0195, 10.7957, 1.8558



19.3512, 1.1275, -0.0556



22.3532, 41.9928, -14.3325



49.2106, 92.2227, -29.8124

Inverse Universe

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



33.5509, 13.4851, -5.6665



42.4713, 22.7759, -9.7663



40.1657, -12.8985, 3.2500



19.3512, 1.1275, -0.0556



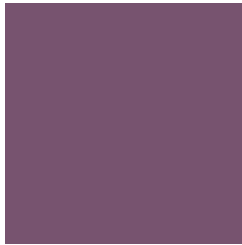
22.3532, 41.9928, -14.3325



49.2106, 92.2227, -29.8124

Previews

White Background



This preview shows how the HunterLab color 33.5502, 13.4862, -5.6673 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 33.5502, 13.4862, -5.6673 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 33.5502, 13.4862, -5.6673 Background



This preview shows how black text looks on a background with the HunterLab color 33.5502, 13.4862, -5.6673.



This preview shows how white text looks on a background with the HunterLab color 33.5502, 13.4862, -5.6673.

-5.6673.

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

33.5502, 13.4862, -5.6673

Protanopia

33.8190, 0.9476, -9.1926

Deuteranopia

33.6152, 2.3311, -4.7641



Tritanopia

33.5079, 8.6941, 2.4755

Trichromacy



Original Color

33.5502, 13.4862, -5.6673

Protanomaly

33.5551, 5.1468, -7.8926

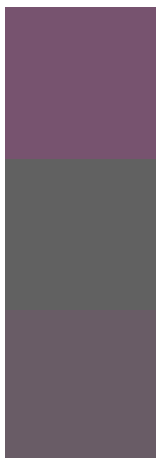
Deuteranomaly

33.5765, 6.1658, -5.2515

Tritanomaly

33.5688, 10.4874, -0.4261

Monochromacy



Original Color

33.5502, 13.4862, -5.6673

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.0835, 3.4672, -0.8040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5502, 13.4862, -5.6673 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(119, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(119, 83, 111)  
}
```

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(119, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 83, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5502, 13.4862, -5.6673 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(119, 83, 111) }
```


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

```
.border{ border-color:rgb(119, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(119, 83,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5502, 13.4862, -5.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 83, 111) }
```

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

```
.background{ background-color: rgb(119, 83,  
111) }
```

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