

Converting Colors

HunterLab(33.8018, -7.2099,
-10.5565)

Have a look what the booklet for
HunterLab(33.8018, -7.2099,
-10.5565) contains.

HunterLab(33.8099, -7.3708, -10.4563)	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(33.8099, -7.3708,
-10.4563)

Conversions

Conversions Part 1

Format	Color
Hex	3C6478
RGB	60, 100, 120
RGB Percent	24%, 39%, 47%
CMY	0.7647, 0.6078, 0.5294
CMYK	0.50, 0.17, 0.00, 0.53
HSL	200°, 33%, 35%
HSV	200°, 50%, 47%
XYZ	9.8108, 11.4311, 19.4586
YIQ	90.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

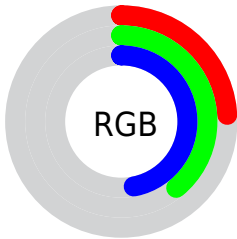
Format	Color
R_{YB}	60, 84, 120
Decimal	3957880
CIE _{Lab}	40.30, -8.12, -15.59
CIE _{LCh}	40, 17.575, 242.498
Yxy	11.4315, 0.2411, 0.2809
Android (android.graphics.Color)	4282147960 (0xFF3C6478)
YUV	90.3200, 14.6322, -26.5906
Hunter-Lab	33.8099, -7.3708, -10.4563

Details

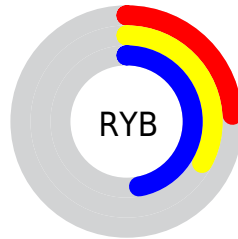
The HunterLab color **33.8099, -7.3708, -10.4563** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.7128, 8.8399, 11.7028**, and the grayscale version is **32.0498, -1.7101, 1.7413**.

A 20% lighter version of the original color is **53.3772, -9.5778, -10.6301**, and **17.3796, -5.2718, -9.7197** is the 20% darker color. If you saturate the color by 10%, you get **32.1724, -7.5198, -13.0544**, and if you desaturate by 10%, it is **35.5456, -6.8986, -7.8573**.

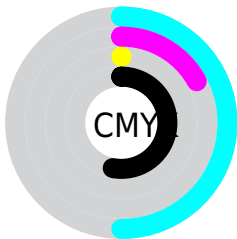
Distribution



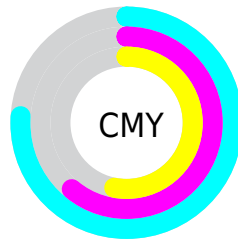
- Red (24%)
- Green (39%)
- Blue (47%)



- Red (24%)
- Yellow (33%)
- Blue (47%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8099, -7.3708, -10.4563 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 33.8099, -7.3708, -10.4563 by changing the saturation by 10% instead.

■ 33.8099, -7.3708,
-10.4563

■ 33.8099, -7.3708,
-10.4563

■ 141.6350,
-16.7239, -10.3129

■ 25.2148, -6.3567,
-10.1483

■ 53.3436, -9.3854,
-10.8475

■ 17.5040, -5.3207,
-9.7698

■ 64.1673, -10.3987,
-10.9396

■ 10.7943, -4.2352,
-9.3547

■ 75.6378, -11.4210,
-10.9690

■ 1.8162, -3.1784,
-35.7801

■ 87.7204, -12.4545,
-10.9400

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3855,
-13.5006, -10.8566

0.0000, NaN, NaN

■ 113.6076,

0.0000, NaN, NaN

-14.5605, -10.7224

0.0000, NaN, NaN

127.3641,
-15.6347, -10.5402

■ 33.8099, -7.3708,
-10.4563

■ 33.8099, -7.3708,
-10.4563

■ 32.1724, -7.5198,
-13.0544

■ 35.5456, -6.8986,
-7.8573

■ 30.6363, -7.3216,
-15.6393

■ 37.3718, -6.1294,
-5.2701

■ 29.2063, -6.7594,
-18.1944

■ 39.2833, -5.0911,
-2.7024

■ 27.8841, -5.8281,
-20.7034

■ 41.2742, -3.8102,
-0.1595

■ 26.6340, -4.6617,
-23.2265

■ 43.3390, -2.3121,
2.3552

■ 26.6338, -4.6615,
-23.2271

■ 45.4726, -0.6196,
4.8402

■ 47.6701, 1.2467,
7.2950

■ 49.9272, 3.2683,
9.7203

■ 52.2398, 5.4290,
12.1173

Harmonies

Analogous

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



33.8105, -11.6888, -5.1696



33.8099, -7.3708, -10.4563



33.8105, -1.2608, -12.2767

Triad

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



33.8105, -7.3709, -10.4557



33.8105, 11.5688, 2.3532



33.8105, -8.2451, 10.3908

Complementary

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



33.8099, -7.3708, -10.4563



31.7128, 8.8399, 11.7028

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.



33.8105, -2.3475, 11.6720



33.8099, -7.3708, -10.4563



33.8105, 9.3614, 7.6110

Square

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



33.8105, -7.3709, -10.4557



33.8105, 9.9749, -4.1051



33.8105, 4.1442, 10.7584



33.8105, -12.1662, 6.8704

Rectangle

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



33.8099, -7.3708, -10.4563



33.8105, 3.0969, -11.0483



33.8105, 4.1442, 10.7584



33.8105, -6.4442, 11.0642

Sweetspot

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



33.8105, -7.3709, -10.4557



53.3073, -6.0031, -2.0180



38.6761, -21.5695, 12.1140



25.7325, -3.0606, -1.2630



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.



33.8105, -7.3709, -10.4557



42.3584, -9.9636, -17.8190



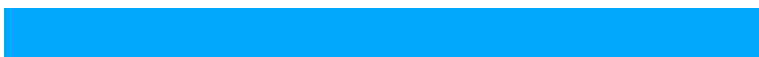
26.1221, 5.5857, -24.1378



20.7316, -1.8413, 0.0354



27.7705, -4.7951, -24.3594



59.3073, -8.3774, -56.0446

Inverse Universe

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



28.5399, 22.9949, -7.0590



34.5814, 37.6794, -10.9760



39.0601, -4.2385, 17.5048



20.1392, 1.0993, 0.1834



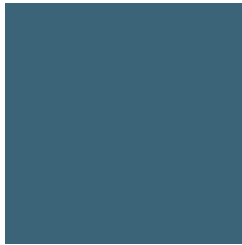
22.3280, 41.0553, -7.4157



48.5983, 89.0665, -13.8705

Previews

White Background



This preview shows how the HunterLab color 33.8099, -7.3708, -10.4563 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 33.8099, -7.3708, -10.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

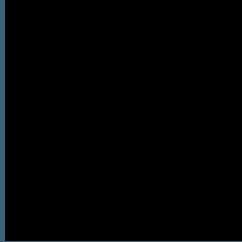
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

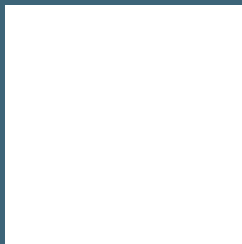
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.8099, -7.3708, -10.4563 Background



This preview shows how black text looks on a background with the HunterLab color 33.8099, -7.3708, -10.4563.



This preview shows how white text looks on a background with the HunterLab color 33.8099, -7.3708, -10.4563.

-10.4563.

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

33.8099, -7.3708, -10.4563

Protanopia

33.8231, 0.8224, -8.1079

Deuteranopia

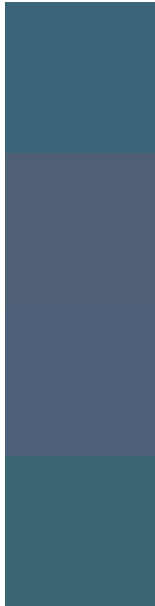
33.7750, 2.4302, -11.4673



Tritanopia

33.9093, -10.6320, -5.0848

Trichromacy



Original Color

33.8099, -7.3708, -10.4563

Protanomaly

33.6339, -2.5068, -8.9862

Deuteranomaly

33.7764, -1.7243, -10.9704

Tritanomaly

33.7962, -9.3062, -7.2663

Monochromacy



Original Color

33.8099, -7.3708, -10.4563

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.5688, -4.5115, -2.4235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8099, -7.3708, -10.4563 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(60, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(60, 100, 120)  
}
```

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(60, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 100, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8099, -7.3708, -10.4563 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(60, 100, 120) }
```


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

```
.border{ border-color:rgb(60, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(60, 100,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8099, -7.3708, -10.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 100, 120) }
```

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

```
.background{ background-color: rgb(60, 100,  
120) }
```

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