

Converting Colors

HunterLab(33.9502, 2.0230,
-17.5448)

Have a look what the booklet for
HunterLab(33.9502, 2.0230,
-17.5448) contains.

HunterLab(33.9009, 2.3624, -17.8782)	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(33.9009, 2.3624,
-17.8782)**

Conversions

Conversions Part 1

Format	Color
Hex	525E85
RGB	82, 94, 133
RGB Percent	32%, 37%, 52%
CMY	0.6784, 0.6314, 0.4784
CMYK	0.38, 0.29, 0.00, 0.48
HSL	226°, 24%, 42%
HSV	226°, 38%, 52%
XYZ	11.7160, 11.4927, 23.7911
YIQ	94.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

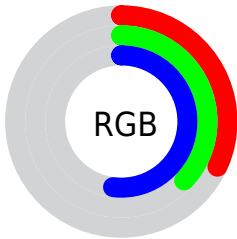
Format	Color
R_{YB}	82, 92, 133
Decimal	5398149
CIE Lab	40.40, 5.74, -23.22
CIE LCh	40, 23.922, 283.889
Yxy	11.4931, 0.2493, 0.2445
Android (android.graphics.Color)	4283588229 (0xFF525E85)
YUV	94.8580, 18.8040, -11.2765
Hunter-Lab	33.9009, 2.3624, -17.8782

Details

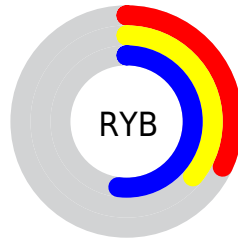
The HunterLab color $33.9009, 2.3624, -17.8782$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $43.8986, -3.4946, 16.2068$, and the grayscale version is $33.7136, -1.7989, 1.8317$.

A 20% lighter version of the original color is $53.3650, 1.9709, -18.6943$, and $17.4979, 2.4865, -16.9037$ is the 20% darker color. If you saturate the color by 10%, you get $30.4340, 4.3603, -24.4009$, and if you desaturate by 10%, it is $37.5206, 0.7147, -11.9329$.

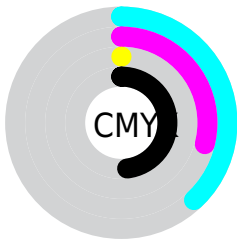
Distribution



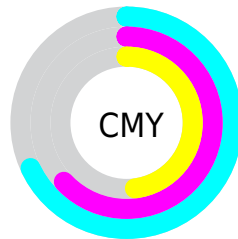
- Red (32%)
- Green (37%)
- Blue (52%)



- Red (32%)
- Yellow (36%)
- Blue (52%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (68%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9009, 2.3624, -17.8782 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 33.9009, 2.3624, -17.8782 by changing the saturation by 10% instead.

■ 33.9009, 2.3624,
-17.8782

■ 33.9009, 2.3624,
-17.8782

■ 141.7816, -0.9460,
-19.9407

■ 25.2974, 2.4529,
-17.3732

■ 53.4496, 1.9722,
-18.7467

■ 17.5771, 2.4569,
-16.8761

■ 64.2800, 1.6897,
-19.0911

■ 10.8566, 2.3518,
-16.5409

■ 75.7568, 1.3564,
-19.3737

■ 2.1016, 11.7941,
-50.9664

■ 87.8454, 0.9767,
-19.5965

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.5163, 0.5540,
-19.7619

0.0000, NaN, NaN

113.7439, 0.0911,

0.0000, NaN, NaN

-19.8726

0.0000, NaN, NaN

127.5057, -0.4096,
-19.9314

■ 33.9009, 2.3624,
-17.8782

■ 33.9009, 2.3624,
-17.8782

■ 30.4340, 4.3603,
-24.4009

■ 37.5206, 0.7147,
-11.9329

■ 27.1467, 6.7896,
-31.6189

■ 41.2695, -0.6492,
-6.4614

■ 24.0778, 9.7395,
-39.6357

■ 45.1313, -1.7832,
-1.3737

■ 21.2772, 13.2891,
-48.4914

■ 49.0930, -2.7293,
3.4034

■ 18.8092, 17.4593,
-58.0527

■ 53.1441, -3.5210,
7.9287

■ 16.7157, 22.0524,
-68.0226

■ 57.2761, -4.1845,
12.2492

■ 16.3978, 22.8079,
-69.7316

■ 61.4822, -4.7405,
16.4027

■ 65.7565, -5.2057,
20.4194

■ 70.0942, -5.5934,
24.3237

Harmonies

Analogous

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



33.9015, -6.3950, -17.6292



33.9009, 2.3624, -17.8782



33.9015, 10.7820, -11.9811

Triad

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



33.9015, 2.3622, -17.8774



33.9015, 11.3146, 11.2420



33.9015, -16.6299, 6.0285

Complementary

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



33.9009, 2.3624, -17.8782



43.8986, -3.4946, 16.2068

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.



33.9015, -12.7973, 11.5442



33.9009, 2.3624, -17.8782



33.9015, 3.0309, 13.9846

Square

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



33.9015, 2.3622, -17.8774



33.9015, 16.2972, 5.4982



33.9015, -5.7911, 14.0788



33.9015, -16.7695, -2.2654

Rectangle

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



33.9009, 2.3624, -17.8782



33.9015, 14.8230, -6.0609



33.9015, -5.7911, 14.0788



33.9015, -15.7500, 8.2122

Sweetspot

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



33.9015, 2.3622, -17.8774



58.3478, -1.8229, -4.4583



44.6445, -17.0630, 3.5064



27.4370, -0.7906, -2.4536



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.9015, 2.3622, -17.8774



41.3168, 5.4575, -31.4702



31.8560, 11.1824, -21.4755



21.7012, -0.8239, -0.8513



16.0382, 22.1527, -67.8676



1.3643, 0.2924, -2.3365

Inverse Universe

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



34.3944, 16.1565, 3.2210



42.4848, 27.4949, 5.1026



46.2553, -12.6757, 18.0476



21.6918, 0.8318, 1.2249



22.0150, 38.1412, 10.8161



1.3330, 2.3815, 0.0968

Previews

White Background



This preview shows how the HunterLab color 33.9009, 2.3624, -17.8782 looks on a white background.

Color Contrast Check

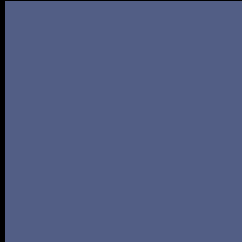
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9009, 2.3624, -17.8782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

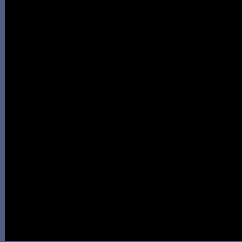
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

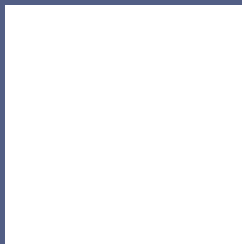
Any Text WCAG AAA × Fail

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

HunterLab 33.9009, 2.3624, -17.8782 Background



This preview shows how black text looks on a background with the HunterLab color 33.9009, 2.3624, -17.8782.

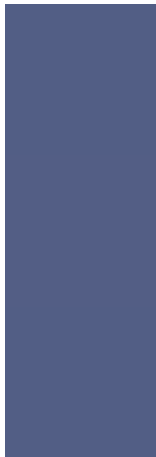


This preview shows how white text looks on a background with the HunterLab color 33.9009, 2.3624, -17.8782.

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

33.9009, 2.3624, -17.8782

Protanopia

33.9674, 2.5854, -17.7572

Deuteranopia

33.9009, 2.3624, -17.8782



Tritanopia

33.9437, -6.3085, -3.4912

Trichromacy



Original Color

33.9009, 2.3624, -17.8782

Protanomaly

33.9674, 2.5854, -17.7572

Deuteranomaly

33.9009, 2.3624, -17.8782

Tritanomaly

33.8083, -3.3630, -8.2029

Monochromacy



Original Color

33.9009, 2.3624, -17.8782

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8559, -0.8883, -4.4908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9009, 2.3624, -17.8782 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(82, 94, 133)` looks like.

```
.text, #text, p{  
    color:rgb(82, 94, 133)  
}
```

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(82, 94, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 94, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9009, 2.3624, -17.8782 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(82, 94, 133) }
```


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

```
.border{ border-color:rgb(82, 94, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 94, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 94, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 94, 133);  
box-shadow:4px 4px 4px 4px rgb(82, 94,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9009, 2.3624, -17.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 94, 133) }
```

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

```
.background{ background-color: rgb(82, 94,  
133) }
```

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