

Converting Colors

HunterLab(33.4911, -3.4067,
5.3365)

Have a look what the booklet for
HunterLab(33.4911, -3.4067, 5.3365)
contains.

HunterLab(33.4962, -3.4744, 5.3670)	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(33.4962, -3.4744,
5.3670)**

Conversions

Conversions Part 1	
Format	Color
Hex	5E5F55
RGB	94, 95, 85
RGB Percent	37%, 37%, 33%
CMY	0.6314, 0.6274, 0.6667
CMYK	0.01, 0.00, 0.11, 0.63
HSL	66°, 6%, 35%
HSV	66°, 11%, 37%
XYZ	10.3480, 11.2200, 10.2146
YIQ	93.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

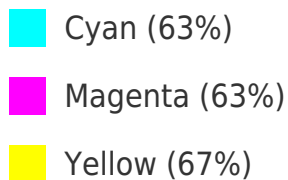
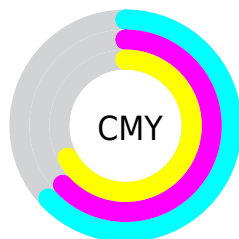
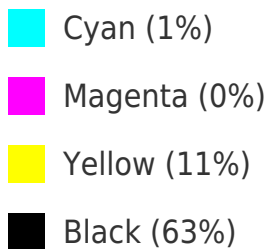
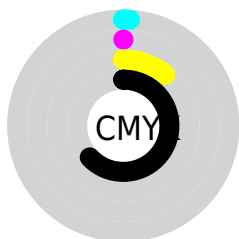
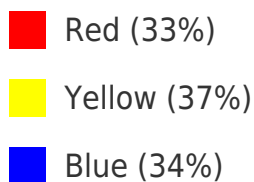
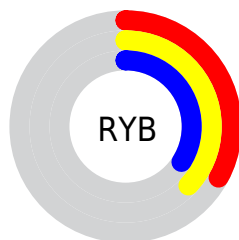
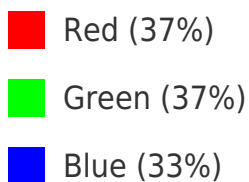
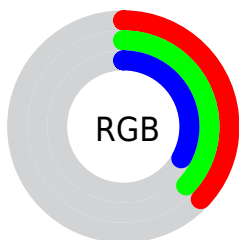
Format	Color
RYB	85, 95, 86
Decimal	6184789
CIELab	39.95, -2.41, 5.59
CIELCh	40, 6.085, 113.324
Yxy	11.2204, 0.3256, 0.3530
Android (android.graphics.Color)	4284374869 (0xFF5E5F55)
YUV	93.5610, -4.2206, 0.3850
Hunter-Lab	33.4962, -3.4744, 5.3670

Details

The HunterLab color $[33.4962, -3.4744, 5.3670]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[30.4991, 0.1913, -2.2510]$, and the grayscale version is $[33.3083, -1.7772, 1.8097]$.

A 20% lighter version of the original color is $[52.8482, -4.6663, 6.7675]$, and $[17.2575, -2.2711, 3.6973]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2106, -4.9148, 8.3333]$, and if you desaturate by 10%, it is $[33.8118, -1.8925, 2.0249]$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.4962, -3.4744, 5.3670 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 33.4962, -3.4744, 5.3670 by changing the saturation by 10% instead.


 33.4962, -3.4744,
5.3670


 33.4962, -3.4744,
5.3670


141.1289,
-10.2780, 13.6172


 24.9305, -2.8563,
4.5278

 52.9784, -4.7994,
7.0776

 17.2524, -2.2655,
3.6877


 63.7788, -5.5037,
7.9556

 10.5804, -1.7002,
2.8747


 75.2273, -6.2353,
8.8513

0.0000, NaN, NaN

0.0000, NaN, NaN

 87.2891, -6.9935,
9.7657

0.0000, NaN, NaN

 99.9344, -7.7776,
10.6993

0.0000, NaN, NaN

113.1375, -8.5868,

0.0000, NaN, NaN

11.6524

0.0000, NaN, NaN

126.8757, -9.4205,
12.6250

■ 33.4962, -3.4744,
5.3670

■ 33.4962, -3.4744,
5.3670

■ 33.2106, -4.9148,
8.3333

■ 33.8118, -1.8925,
2.0249

■ 32.9522, -6.2104,
10.9223

■ 34.1554, -0.1685,
-1.6915

■ 32.7213, -7.3626,
13.1378

■ 34.5281, 1.6938,
-5.7758

■ 32.5168, -8.3734,
14.9866

■ 34.9298, 3.6909,
-10.2202

■ 32.3379, -9.2461,
16.4796

■ 35.3606, 5.8181,
-15.0144

■ 32.1831, -9.9862,
17.6324

■ 35.8201, 8.0704,
-20.1469

■ 32.0511, -10.6009,
18.4655

■ 36.3082, 10.4423,
-25.6044

■ 31.9396, -11.1005,
19.0070

■ 36.8246, 12.9279,
-31.3731

■ 31.8416, -11.5326,
19.4188

■ 37.3687, 15.5212,
-37.4379

Harmonies

Analogous

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



33.4969, -1.2875, 5.6383



33.4962, -3.4744, 5.3670



33.4969, -5.1697, 4.1765

Triad

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



33.4969, -3.4753, 5.3675



33.4969, -4.3199, -1.6274



33.4969, 2.5913, 1.3441

Complementary

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



33.4962, -3.4744, 5.3670



30.4991, 0.1913, -2.2510

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.



33.4969, 1.7311, -0.7140



33.4962, -3.4744, 5.3670



33.4969, -2.2877, -2.5008

Square

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



33.4969, -3.4753, 5.3675



33.4969, -5.6484, 0.1624



33.4969, -0.0689, -2.1561



33.4969, 2.2532, 3.4033

Rectangle

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



33.4962, -3.4744, 5.3670



33.4969, -5.8110, 2.9765



33.4969, -0.0689, -2.1561



33.4969, 2.4320, 0.6277

Sweetspot

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



33.4969, -3.4753, 5.3675



44.1393, -3.0249, 3.8170



31.2164, 0.7639, 2.9251



21.5934, -1.5474, 2.0100



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



33.4969, -3.4753, 5.3675



43.7255, -5.1055, 8.1838



33.1129, -4.8384, 4.9306



17.1968, -1.6544, 2.4857



37.9432, -13.8125, 23.1386



87.5755, -32.3942, 53.3965

Inverse Universe

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



30.4991, 0.1913, -2.2510



38.7522, 0.9841, -4.4736



30.8992, 1.5504, -1.7081



15.8956, -0.0637, -0.8190



11.1674, 29.6398, -74.2958



25.4319, 68.2198, -174.7800

Previews

White Background



This preview shows how the HunterLab color 33.4962, -3.4744, 5.3670 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 33.4962, -3.4744, 5.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

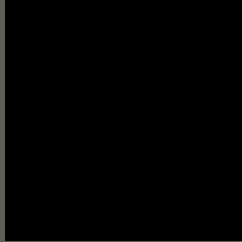
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

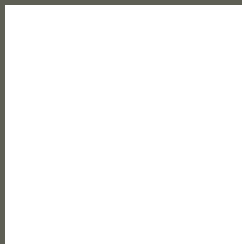
Any Text WCAG AAA × Fail

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

HunterLab 33.4962, -3.4744, 5.3670 Background



This preview shows how black text looks on a background with the HunterLab color 33.4962, -3.4744, 5.3670.



This preview shows how white text looks on a background with the HunterLab color 33.4962, -3.4744,

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

33.4962, -3.4744, 5.3670

Protanopia

33.5293, -2.0326, 5.7934

Deuteranopia

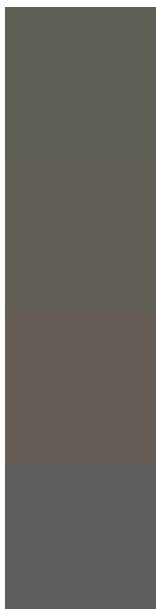
33.4936, 1.9527, 5.0879



Tritanopia

33.5195, 0.1234, -0.6692

Trichromacy



Original Color

33.4962, -3.4744, 5.3670

Protanomaly

33.4468, -2.3206, 5.7009

Deuteranomaly

33.3931, 0.2889, 4.9499

Tritanomaly

33.5627, -1.3619, 1.5319

Monochromacy



Original Color

33.4962, -3.4744, 5.3670

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3773, -2.2186, 2.9465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4962, -3.4744, 5.3670 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(94, 95, 85) looks like.

```
.text, #text, p{  
    color:rgb(94, 95, 85)  
}
```

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(94, 95, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 95, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4962, -3.4744, 5.3670 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(94, 95, 85) }
```


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

```
.border{ border-color:rgb(94, 95, 85) }
```

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

Here you see how a box with a 4 pixel rgb(94, 95, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 95, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 95, 85);  
box-shadow:4px 4px 4px 4px rgb(94, 95, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.4962, -3.4744, 5.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 95, 85) }
```

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

```
.background{ background-color: rgb(94, 95,  
85) }
```

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