

Converting Colors

HunterLab(33.3728, -0.5885,
0.5053)

Have a look what the booklet for
HunterLab(33.3728, -0.5885, 0.5053)
contains.

HunterLab(33.3537, -0.6165, 0.4381)	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(33.3537, -0.6165,
0.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D61
RGB	95, 93, 97
RGB Percent	37%, 36%, 38%
CMY	0.6274, 0.6353, 0.6196
CMYK	0.02, 0.04, 0.00, 0.62
HSL	270°, 2%, 37%
HSV	270°, 4%, 38%
XYZ	10.7914, 11.1247, 12.8878
YIQ	94.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

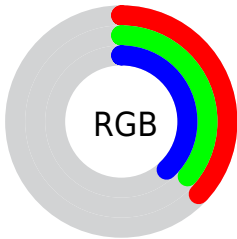
Format	Color
R_{YB}	95, 93, 97
Decimal	6249825
CIE Lab	39.79, 1.64, -2.01
CIE LCh	40, 2.591, 309.203
Yxy	11.1252, 0.3101, 0.3196
Android (android.graphics.Color)	4284439905 (0xFF5F5D61)
YUV	94.0540, 1.4524, 0.8296
Hunter-Lab	33.3537, -0.6165, 0.4381

Details

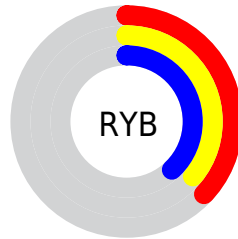
The HunterLab color **33.3537, -0.6165, 0.4381** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34.3116, -2.9749, 3.1947**, and the grayscale version is **33.4719, -1.7860, 1.8186**.

A 20% lighter version of the original color is **52.7283, -1.3975, 0.9630**, and **17.1027, 0.1359, -0.3167** is the 20% darker color. If you saturate the color by 10%, you get **30.4584, 2.4023, -3.2045**, and if you desaturate by 10%, it is **36.3393, -3.5802, 3.8773**.

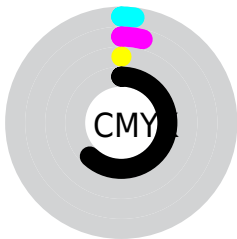
Distribution



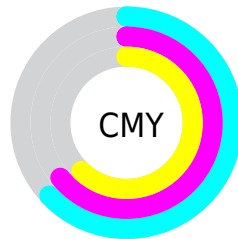
- Red (37%)
- Green (36%)
- Blue (38%)



- Red (37%)
- Yellow (36%)
- Blue (38%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3537, -0.6165, 0.4381 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 33.3537, -0.6165, 0.4381 by changing the saturation by 10% instead.

■ 33.3537, -0.6165,
0.4381

■ 33.3537, -0.6165,
0.4381

■ 140.8986, -5.6514,
5.4720

■ 24.8014, -0.2684,
0.0969

■ 52.8123, -1.4663,
1.2786

■ 17.1382, 0.0207,
-0.1828

■ 63.6021, -1.9568,
1.7669

■ 10.4834, 0.2379,
-0.3883

■ 75.0407, -2.4868,
2.2960

0.0000, INF, -NF

0.0000, NaN, NaN

■ 87.0929, -3.0537,
2.8632

0.0000, NaN, NaN

■ 99.7292, -3.6553,
3.4661

0.0000, NaN, NaN

■ 112.9236, -4.2898,

0.0000, NaN, NaN

4.1030

0.0000, NaN, NaN

126.6535, -4.9557,
4.7721

■ 33.3537, -0.6165,
0.4381

■ 33.3537, -0.6165,
0.4381

■ 30.4584, 2.4023,
-3.2045

■ 36.3393, -3.5802,
3.8773

■ 27.6640, 5.4878,
-7.0961

■ 39.4029, -6.4963,
7.1487

■ 24.9876, 8.6455,
-11.2861

■ 42.5370, -9.3748,
10.2834

■ 22.4504, 11.8728,
-15.8257

■ 45.7351, -12.2240,
13.3064

■ 20.0798, 15.1477,
-20.7553

■ 48.9916, -15.0508,
16.2381

■ 17.9109, 18.4098,
-26.0784

■ 52.3020, -17.8611,
19.0951

■ 15.9877, 21.5311,
-31.7122

■ 55.6625, -20.6598,
21.8908

■ 14.3610, 24.2840,
-37.4173

■ 59.0696, -23.4509,
24.6363

■ 13.0362, 26.5051,
-42.9395

■ 62.5207, -26.2379,
27.3406

Harmonies

Analogous

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



33.3544, -1.4884, 0.0516



33.3537, -0.6165, 0.4381



33.3544, -0.0540, 1.1917

Triad

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



33.3544, -0.6173, 0.4387



33.3544, -1.1295, 3.4018



33.3544, -3.5682, 1.5360

Complementary

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



33.3537, -0.6165, 0.4381



34.3116, -2.9749, 3.1947

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.



33.3544, -3.4745, 2.4276



33.3537, -0.6165, 0.4381



33.3544, -2.0736, 3.4882

Square

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



33.3544, -0.6173, 0.4387



33.3544, -0.3520, 2.8969



33.3544, -2.9300, 3.1362



33.3544, -3.1873, 0.6968

Rectangle

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



33.3537, -0.6165, 0.4381



33.3544, 0.0675, 1.7914



33.3544, -2.9300, 3.1362



33.3544, -3.5911, 1.8398

Sweetspot

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



33.3544, -0.6173, 0.4387



44.8654, -2.0152, 1.9928



33.7448, -2.0804, 0.8861



22.3737, -1.0218, 1.0136



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.3544, -0.6173, 0.4387



43.2749, -0.4071, 0.0993



33.5112, -0.0787, 0.6387



16.5525, -0.1289, 0.0058



14.2036, 32.5915, -54.9100



32.0203, 74.4273, -131.1795

Inverse Universe

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



33.4617, -0.3586, 1.4285



43.4511, 0.0162, 1.7271



34.1623, -3.5005, 3.0153



16.6225, 0.0391, 0.6521



19.3509, 34.6204, 1.0200



44.5266, 79.2926, 5.2111

Previews

White Background



This preview shows how the HunterLab color 33.3537, -0.6165, 0.4381 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 33.3537, -0.6165, 0.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

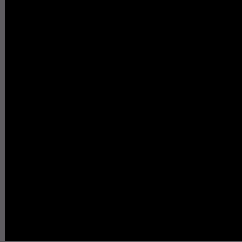
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

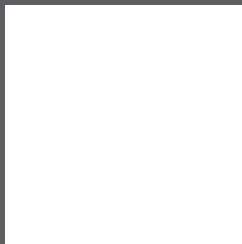
Any Text WCAG AAA × Fail

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

HunterLab 33.3537, -0.6165, 0.4381 Background



This preview shows how black text looks on a background with the HunterLab color 33.3537, -0.6165, 0.4381.



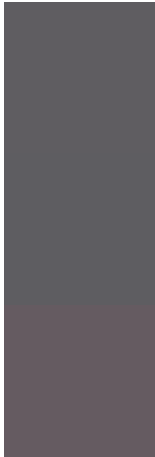
This preview shows how white text looks on a background with the HunterLab color 33.3537, -0.6165, 0.4381.

0.4381.

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

33.3537, -0.6165, 0.4381

Protanopia

33.2738, -0.8919, 0.3358

Deuteranopia

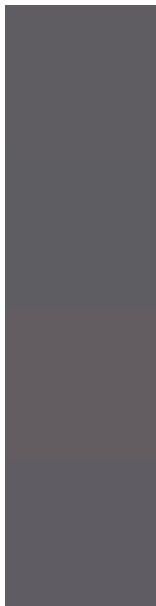
33.3346, 1.9894, 0.4604



Tritanopia

33.4390, -0.1523, -0.7749

Trichromacy



Original Color

33.3537, -0.6165, 0.4381

Protanomaly

33.2738, -0.8919, 0.3358

Deuteranomaly

33.4216, 0.9582, 0.5483

Tritanomaly

33.4103, -0.3087, -0.3663

Monochromacy



Original Color

33.3537, -0.6165, 0.4381

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.4833, -1.6373, 1.4328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3537, -0.6165, 0.4381 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(95, 93, 97)` looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 97)  
}
```

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(95, 93, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3537, -0.6165, 0.4381 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(95, 93, 97) }
```


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

```
.border{ border-color:rgb(95, 93, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 93, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 97);  
box-shadow:4px 4px 4px 4px rgb(95, 93, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.3537, -0.6165, 0.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 97) }
```

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

```
.background{ background-color: rgb(95, 93,  
97) }
```

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