

Converting Colors

HunterLab(33.6385, -1.7893,
3.9808)

Have a look what the booklet for
HunterLab(33.6385, -1.7893, 3.9808)
contains.

HunterLab(33.5679, -1.6563, 3.9621)	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(33.5679, -1.6563,
3.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	615E59
RGB	97, 94, 89
RGB Percent	38%, 37%, 35%
CMY	0.6196, 0.6314, 0.6510
CMYK	0.00, 0.03, 0.08, 0.62
HSL	38°, 4%, 36%
HSV	38°, 8%, 38%
XYZ	10.7356, 11.2680, 11.0603
YIQ	94.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

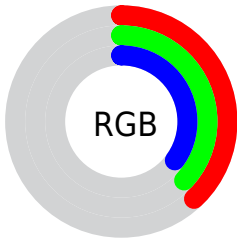
Format	Color
R_{YB}	94, 97, 89
Decimal	6381145
CIE Lab	40.03, 0.19, 3.28
CIE LCh	40, 3.289, 86.658
Yxy	11.2685, 0.3247, 0.3408
Android (android.graphics.Color)	4284571225 (0xFF615E59)
YUV	94.3270, -2.6262, 2.3442
Hunter-Lab	33.5679, -1.6563, 3.9621

Details

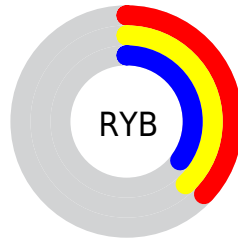
The HunterLab color $[33.5679, -1.6563, 3.9621]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[32.6206, -1.7935, -0.4863]$, and the grayscale version is $[33.5870, -1.7921, 1.8248]$.

A 20% lighter version of the original color is $[53.0156, -2.3878, 5.3092]$, and $[17.3192, -0.6589, 2.5031]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.3802, -1.3224, 6.2795]$, and if you desaturate by 10%, it is $[34.7912, -1.8748, 1.4163]$.

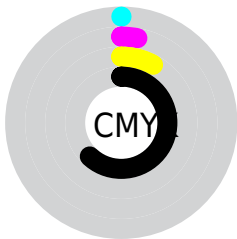
Distribution



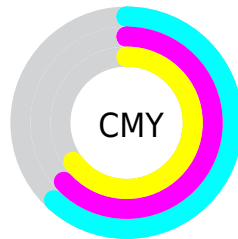
- Red (38%)
- Green (37%)
- Blue (35%)



- Red (37%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (62%)



- Cyan (62%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5679, -1.6563, 3.9621 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 33.5679, -1.6563, 3.9621 by changing the saturation by 10% instead.

■ 33.5679, -1.6563,
3.9621

■ 33.5679, -1.6563,
3.9621

■ 141.2447, -7.3250,
11.2093

■ 24.9955, -1.2120,
3.2816

■ 53.0619, -2.6760,
5.3983

■ 17.3099, -0.8156,
2.6221

■ 63.8677, -3.2431,
6.1543

■ 10.6292, -0.4751,
1.9771

■ 75.3212, -3.8453,
6.9357

■ 0.5677, 1.4414,
0.3974

■ 87.3878, -4.4808,
7.7421

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0377, -5.1478,
8.5732

0.0000, NaN, NaN

113.2451, -5.8450,

0.0000, NaN, NaN

126.9875, -6.5711,
10.3072

■ 33.5679, -1.6563,
3.9621

■ 33.5679, -1.6563,
3.9621

■ 32.3802, -1.3224,
6.2795

■ 34.7912, -1.8748,
1.4163

■ 31.2276, -0.8641,
8.3510

■ 36.0460, -1.9816,
-1.3436

■ 30.1130, -0.2767,
10.1608

■ 37.3313, -1.9841,
-4.3025

■ 29.0383, 0.4449,
11.6934

■ 38.6455, -1.8886,
-7.4461

■ 28.0054, 1.3043,
12.9346

■ 39.9872, -1.7013,
-10.7613

■ 27.0163, 2.3032,
13.8729

■ 41.3548, -1.4280,
-14.2362

■ 26.0725, 3.4407,
14.5015

■ 42.7471, -1.0743,
-17.8596

■ 25.1754, 4.7120,
14.8209

■ 44.1628, -0.6453,
-21.6211

■ 24.3171, 6.0626,
14.9712

■ 45.6007, -0.1458,
-25.5116

Harmonies

Analogous

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



33.5686, -0.5045, 3.6242



33.5679, -1.6563, 3.9621



33.5686, -2.8305, 3.7458

Triad

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



33.5686, -1.6572, 3.9626



33.5686, -3.8472, 0.8189



33.5686, 0.1731, 0.5878

Complementary

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



33.5679, -1.6563, 3.9621



32.6206, -1.7935, -0.4863

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.



33.5686, -0.7426, -0.2117



33.5679, -1.6563, 3.9621



33.5686, -3.0623, -0.0749

Square

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



33.5686, -1.6572, 3.9626



33.5686, -4.0843, 1.9560



33.5686, -1.9285, -0.4583



33.5686, 0.5616, 1.6979

Rectangle

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



33.5679, -1.6563, 3.9621



33.5686, -3.4684, 3.3112



33.5686, -1.9285, -0.4583



33.5686, -0.0839, 0.2723

Sweetspot

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



33.5686, -1.6572, 3.9626



44.9347, -2.3635, 3.1588



32.3421, 1.0040, 1.3567



22.4051, -1.1801, 1.5435



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.



33.5686, -1.6572, 3.9626



43.6275, -2.0928, 5.8329



34.2946, -3.2359, 4.7357



16.7993, -0.8224, 2.0641



28.0307, 7.6677, 17.4066



63.4381, 20.4396, 39.4481

Inverse Universe

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



32.6206, -1.7935, -0.4863



42.0818, -2.3141, -1.4223



31.9034, -0.2157, -1.3627



16.2878, -0.8959, -0.3363



16.8335, 10.4698, -43.6416



36.8201, 29.2529, -109.1705

Previews

White Background



This preview shows how the HunterLab color 33.5679, -1.6563, 3.9621 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 33.5679, -1.6563, 3.9621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

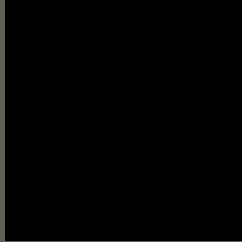
Any Text WCAG AA × Fail

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 33.5679, -1.6563, 3.9621 Background



This preview shows how black text looks on a background with the HunterLab color 33.5679, -1.6563, 3.9621.



This preview shows how white text looks on a background with the HunterLab color 33.5679, -1.6563,

3.9621.

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

33.5679, -1.6563, 3.9621

Protanopia

33.5679, -1.6563, 3.9621

Deuteranopia

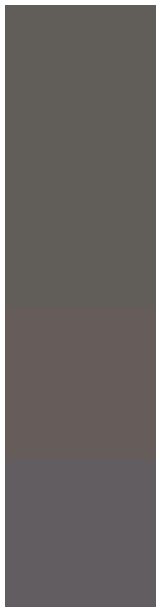
33.5017, 2.1776, 3.5630



Tritanopia

33.5068, 1.4175, -0.6625

Trichromacy



Original Color

33.5679, -1.6563, 3.9621

Protanomaly

33.5679, -1.6563, 3.9621

Deuteranomaly

33.4922, 0.8250, 3.5286

Tritanomaly

33.5707, 0.0731, 1.1428

Monochromacy



Original Color

33.5679, -1.6563, 3.9621

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.4828, -1.7987, 2.6712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5679, -1.6563, 3.9621 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(97, 94, 89)` looks like.

```
.text, #text, p{  
    color:rgb(97, 94, 89)  
}
```

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(97, 94, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 94, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5679, -1.6563, 3.9621 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(97, 94, 89) }
```


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

```
.border{ border-color:rgb(97, 94, 89) }
```

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

Here you see how a box with a 4 pixel rgb(97, 94, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 94, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 94, 89);  
box-shadow:4px 4px 4px 4px rgb(97, 94, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5679, -1.6563, 3.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 94, 89) }
```

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

```
.background{ background-color: rgb(97, 94,  
89) }
```

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