

Converting Colors

HunterLab(35.5896, -0.3785,
1.9317)

Have a look what the booklet for
HunterLab(35.5896, -0.3785, 1.9317)
contains.

HunterLab(35.6754, -0.6113, 1.9351)	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(35.6754, -0.6113,
1.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	676364
RGB	103, 99, 100
RGB Percent	40%, 39%, 39%
CMY	0.5961, 0.6118, 0.6078
CMYK	0.00, 0.04, 0.03, 0.60
HSL	345°, 2%, 40%
HSV	345°, 4%, 40%
XYZ	12.3556, 12.7273, 13.8620
YIQ	100.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

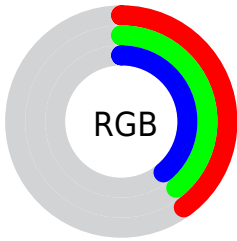
Format	Color
R_{YB}	103, 99, 100
Decimal	6775652
CIE Lab	42.35, 1.78, -0.01
CIE LCh	42, 1.779, 359.706
Yxy	12.7279, 0.3173, 0.3268
Android (android.graphics.Color)	4284965732 (0xFF676364)
YUV	100.3100, -0.1528, 2.3591
Hunter-Lab	35.6754, -0.6113, 1.9351

Details

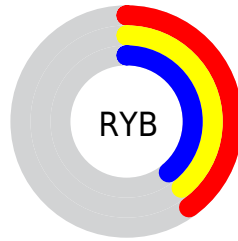
The HunterLab color $[35.6754, -0.6113, 1.9351]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[36.4867, -3.2150, 1.9990]$, and the grayscale version is $[35.8156, -1.9110, 1.9459]$.

A 20% lighter version of the original color is $[55.6031, -1.5800, 3.0152]$, and $[19.0893, -0.2427, 1.2972]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.7970, 2.9360, 1.8435]$, and if you desaturate by 10%, it is $[38.6814, -4.0709, 2.1336]$.

Distribution



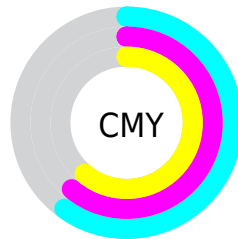
- Red (40%)
- Green (39%)
- Blue (39%)



- Red (40%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6754, -0.6113, 1.9351 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 35.6754, -0.6113, 1.9351 by changing the saturation by 10% instead.

■ 35.6754, -0.6113,
1.9351

■ 35.6754, -0.6113,
1.9351

144.6258, -5.6713,
7.8624

■ 26.9099, -0.2583,
1.4591

■ 55.5104, -1.4689,
3.0143

■ 19.0093, 0.0371,
1.0296

■ 66.4700, -1.9626,
3.6104

■ 12.0823, 0.2629,
0.6533

■ 78.0687, -2.4955,
4.2414

■ 5.1010, 1.2470,
0.2702

■ 90.2731, -3.0649,
4.9053

0.0000, NaN, NaN

0.0000, NaN, NaN

103.0546, -3.6689,
5.6006

0.0000, NaN, NaN

116.3881, -4.3056,

0.0000, NaN, NaN

130.2517, -4.9735,
7.0803

■ 35.6754, -0.6113,
1.9351

■ 35.6754, -0.6113,
1.9351

■ 32.7970, 2.9360,
1.8435

■ 38.6814, -4.0709,
2.1336

■ 30.0639, 6.5733,
1.8780

■ 41.7966, -7.4468,
2.4199

■ 27.5017, 10.2861,
2.0635

■ 45.0086, -10.7492,
2.7804

■ 25.1407, 14.0363,
2.4262

■ 48.3068, -13.9884,
3.2038

■ 23.0170, 17.7465,
2.9906

■ 51.6825, -17.1740,
3.6808

■ 21.1713, 21.2831,
3.7717

■ 55.1285, -20.3151,
4.2038

■ 19.6455, 24.4477,
4.7635

■ 58.6386, -23.4196,
4.7669

■ 18.4752, 26.9962,
5.9253

■ 62.2078, -26.4943,
5.3650

■ 17.6534, 28.7843,
7.1561

■ 65.8318, -29.5452,
5.9941

Harmonies

Analogous

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



35.6762, -0.7899, 1.3202



35.6754, -0.6113, 1.9351



35.6762, -0.7832, 2.5420

Triad

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



35.6762, -0.6122, 1.9357



35.6762, -2.5397, 2.9868



35.6762, -2.5510, 0.8709

Complementary

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



35.6754, -0.6113, 1.9351



36.4867, -3.2150, 1.9990

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.



35.6762, -3.0141, 1.3312



35.6754, -0.6113, 1.9351



35.6762, -3.0076, 2.5527

Square

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



35.6762, -0.6122, 1.9357



35.6762, -1.8989, 3.1421



35.6762, -3.1807, 1.9482



35.6762, -1.9121, 0.6986

Rectangle

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



35.6754, -0.6113, 1.9351



35.6762, -1.0712, 2.8612



35.6762, -3.1807, 1.9482



35.6762, -2.7322, 0.9975

Sweetspot

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



35.6762, -0.6122, 1.9357



48.8702, -2.1512, 2.6524



35.6768, -0.4443, 0.6508



24.1557, -1.0822, 1.3111



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



35.6762, -0.6122, 1.9357



47.2421, -0.2252, 2.5662



35.9155, -1.2082, 2.6219



17.4128, -0.0484, 0.9461



19.2741, 33.4587, 8.9563



43.8781, 75.8977, 22.4993

Inverse Universe

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



35.6762, -0.6122, 1.9357



47.2421, -0.2252, 2.5662



36.2423, -2.6198, 1.2940



17.4128, -0.0484, 0.9461



19.2741, 33.4587, 8.9563



43.8781, 75.8977, 22.4993

Previews

White Background



This preview shows how the HunterLab color 35.6754, -0.6113, 1.9351 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 35.6754, -0.6113, 1.9351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

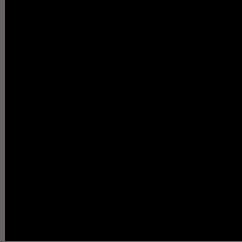
Any Text WCAG AA × Fail

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 35.6754, -0.6113, 1.9351 Background



This preview shows how black text looks on a background with the HunterLab color 35.6754, -0.6113, 1.9351.



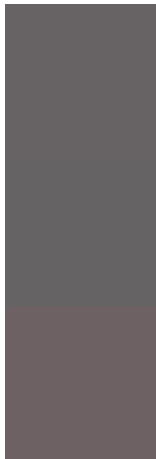
This preview shows how white text looks on a background with the HunterLab color 35.6754, -0.6113, 1.9351.

1.9351.

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

35.6754, -0.6113, 1.9351

Protanopia

35.5929, -0.8956, 1.8329

Deuteranopia

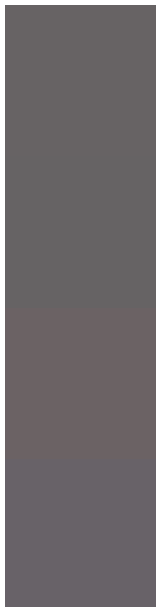
35.6661, 2.0537, 1.9708



Tritanopia

35.6637, 1.0435, -0.6748

Trichromacy



Original Color

35.6754, -0.6113, 1.9351

Protanomaly

35.5929, -0.8956, 1.8329

Deuteranomaly

35.7509, 1.0020, 2.0522

Tritanomaly

35.6060, 0.7318, 0.1449

Monochromacy



Original Color

35.6754, -0.6113, 1.9351

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.7787, -1.6259, 2.0388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6754, -0.6113, 1.9351 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(103, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 99, 100)  
}
```

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(103, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 99, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6754, -0.6113, 1.9351 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(103, 99, 100) }
```


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

```
.border{ border-color:rgb(103, 99, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 99, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 99, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 99, 100); box-shadow:4px 4px 4px 4px rgb(103, 99, 100) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6754, -0.6113, 1.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 99, 100) }
```

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

```
.background{ background-color: rgb(103, 99,  
100) }
```

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