

Converting Colors

HunterLab(38.0058, 1.9108,
1.7598)

Have a look what the booklet for
HunterLab(38.0058, 1.9108, 1.7598)
contains.

HunterLab(37.9564, 2.1160, 1.6975)	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(37.9564, 2.1160,
1.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	73676B
RGB	115, 103, 107
RGB Percent	45%, 40%, 42%
CMY	0.5490, 0.5961, 0.5804
CMYK	0.00, 0.10, 0.07, 0.55
HSL	340°, 6%, 43%
HSV	340°, 10%, 45%
XYZ	14.5743, 14.4069, 15.9226
YIQ	107.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

Format	Color
R_{YB}	115, 103, 107
Decimal	7563115
CIE Lab	44.81, 5.50, -0.52
CIE LCh	45, 5.529, 354.580
Yxy	14.4075, 0.3246, 0.3208
Android (android.graphics.Color)	4285753195 (0xFF73676B)
YUV	107.0440, -0.0217, 6.9774
Hunter-Lab	37.9564, 2.1160, 1.6975

Details

The HunterLab color $[37.9564, 2.1160, 1.6975]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40.3648, -6.1008, 2.6746]$, and the grayscale version is $[38.3601, -2.0468, 2.0842]$.

A 20% lighter version of the original color is $[58.1337, 1.6300, 2.8591]$, and $[20.8516, 2.4131, 0.7353]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.8146, 6.3563, 1.3184]$, and if you desaturate by 10%, it is $[41.2595, -2.0320, 2.2240]$.

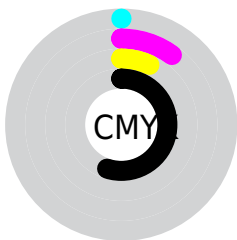
Distribution



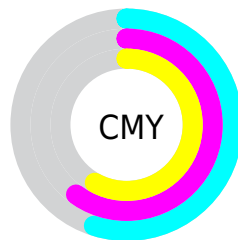
- Red (45%)
- Green (40%)
- Blue (42%)



- Red (45%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9564, 2.1160, 1.6975 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 37.9564, 2.1160, 1.6975 by changing the saturation by 10% instead.

■ 37.9564, 2.1160,
1.6975

■ 37.9564, 2.1160,
1.6975

■ 148.2402, -1.4752,
7.4914

■ 28.9908, 2.2536,
1.2414

■ 58.1467, 1.6449,
2.7414

■ 20.8685, 2.3136,
0.8337

■ 69.2670, 1.3275,
3.3215

■ 13.6895, 2.2776,
0.4820

■ 81.0177, 0.9621,
3.9372

■ 7.2986, 2.8961,
0.1007

■ 93.3667, 0.5524,
4.5866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2862, 0.1014,
5.2681

0.0000, NaN, NaN

■ 119.7521, -0.3883,

0.0000, NaN, NaN

133.7431, -0.9144,
6.7216

■ 37.9564, 2.1160,
1.6975

■ 37.9564, 2.1160,
1.6975

■ 34.8146, 6.3563,
1.3184

■ 41.2595, -2.0320,
2.2240

■ 31.8582, 10.6785,
1.1169

■ 44.7000, -6.0848,
2.8699

■ 29.1209, 15.0429,
1.1319

■ 48.2612, -10.0509,
3.6150

■ 26.6417, 19.3694,
1.4053

■ 51.9291, -13.9402,
4.4429

■ 24.4657, 23.5173,
1.9765

■ 55.6922, -17.7638,
5.3408

■ 22.6405, 27.2720,
2.8696

■ 59.5411, -21.5320,
6.2983

■ 21.2088, 30.3584,
4.0745

■ 63.4679, -25.2544,
7.3073

■ 20.1962, 32.5035,
5.5294

■ 67.4661, -28.9393,
8.3611

■ 19.4600, 34.0556,
6.9174

■ 71.5300, -32.5942,
9.4546

Harmonies

Analogous

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



37.9572, 1.3507, -0.2498



37.9564, 2.1160, 1.6975



37.9572, 1.7497, 3.6434

Triad

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



37.9572, 2.1150, 1.6981



37.9572, -3.7074, 5.4247



37.9572, -4.3602, -1.2304

Complementary

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



37.9564, 2.1160, 1.6975



40.3648, -6.1008, 2.6746

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.



37.9572, -5.6622, 0.4182



37.9564, 2.1160, 1.6975



37.9572, -5.2912, 4.2447

Square

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



37.9572, 2.1150, 1.6981



37.9572, -1.6417, 5.7260



37.9572, -5.9993, 2.4304



37.9572, -2.4115, -1.9989

Rectangle

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



37.9564, 2.1160, 1.6975



37.9572, 0.9188, 4.6874



37.9572, -5.9993, 2.4304



37.9572, -4.8863, -0.7565

Sweetspot

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



37.9572, 2.1150, 1.6981



54.0236, -1.2632, 2.7730



37.8398, 2.1845, -2.0595



26.2313, -0.4245, 1.3286



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.9572, 2.1150, 1.6981



49.5461, 4.4684, 2.1026



38.3769, 0.6111, 3.8326



19.2851, 0.7721, 0.8851



20.7977, 36.3793, 7.5274



45.7540, 79.7292, 18.9130

Inverse Universe

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



37.9572, 2.1150, 1.6981



49.5461, 4.4684, 2.1026



39.9150, -4.5883, 0.4220



19.2851, 0.7721, 0.8851



20.7977, 36.3793, 7.5274



45.7540, 79.7292, 18.9130

Previews

White Background



This preview shows how the HunterLab color 37.9564, 2.1160, 1.6975 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 37.9564, 2.1160, 1.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

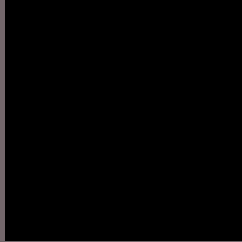
Any Text WCAG AA × Fail

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 37.9564, 2.1160, 1.6975 Background



This preview shows how black text looks on a background with the HunterLab color 37.9564, 2.1160, 1.6975.



This preview shows how white text looks on a background with the HunterLab color 37.9564, 2.1160,

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

37.9564, 2.1160, 1.6975

Protanopia

37.8308, -0.9875, 1.0588

Deuteranopia

38.0461, 2.4178, 1.8093



Tritanopia

37.7801, 3.0360, 0.1823

Trichromacy



Original Color

37.9564, 2.1160, 1.6975

Protanomaly

37.8131, 0.3282, 1.0606

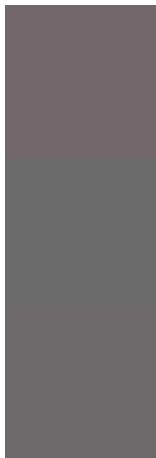
Deuteranomaly

38.0461, 2.4178, 1.8093

Tritanomaly

37.7514, 2.8826, 0.5902

Monochromacy



Original Color

37.9564, 2.1160, 1.6975

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.3205, -0.7378, 2.0784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9564, 2.1160, 1.6975 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(115, 103, 107)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 107)  
}
```

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(115, 103, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9564, 2.1160, 1.6975 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(115, 103, 107) }
```


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

```
.border{ border-color:rgb(115, 103, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 103, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 103, 107); box-shadow:4px 4px 4px 4px rgb(115, 103, 107) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9564, 2.1160, 1.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 107) }
```

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

```
.background{ background-color: rgb(115,  
103, 107) }
```

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