

Converting Colors

HunterLab(37.9750, 6.3815,
-20.4934)

Have a look what the booklet for
HunterLab(37.9750, 6.3815,
-20.4934) contains.

HunterLab(37.9573, 6.2942, -20.2637)	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(37.9573, 6.2942,
-20.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	656694
RGB	101, 102, 148
RGB Percent	40%, 40%, 58%
CMY	0.6039, 0.6000, 0.4196
CMYK	0.32, 0.31, 0.00, 0.42
HSL	239°, 19%, 49%
HSV	239°, 32%, 58%
XYZ	15.4635, 14.4076, 29.9829
YIQ	106.9450, -15.3620, 14.0940

Conversions

Conversions Part 2

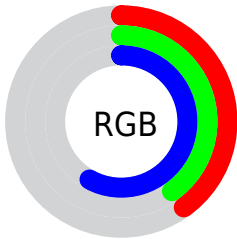
Format	Color
RYB	101, 102, 148
Decimal	6645396
CIELab	44.81, 10.84, -25.27
CIELCh	45, 27.494, 293.211
Yxy	14.4081, 0.2584, 0.2407
Android (android.graphics.Color)	4284835476 (0xFF656694)
YUV	106.9450, 20.2401, -5.2138
Hunter-Lab	37.9573, 6.2942, -20.2637

Details

The HunterLab color $37.9573, 6.2942, -20.2637$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53.0125, -8.6079, 18.7449$, and the grayscale version is $38.2537, -2.0411, 2.0784$.

A 20% lighter version of the original color is $58.1541, 6.2397, -21.0250$, and $20.7979, 6.0021, -19.3195$ is the 20% darker color. If you saturate the color by 10%, you get $33.2063, 9.8993, -29.3900$, and if you desaturate by 10%, it is $42.9430, 3.0918, -12.1670$.

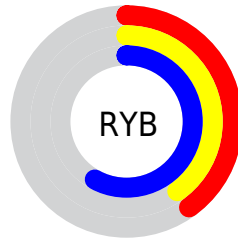
Distribution



Red (40%)

Green (40%)

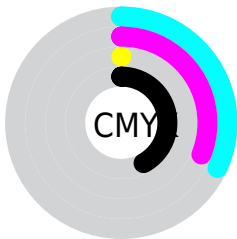
Blue (58%)



Red (40%)

Yellow (40%)

Blue (58%)

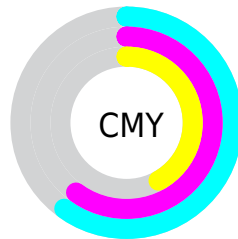


Cyan (32%)

Magenta (31%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9573, 6.2942, -20.2637 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 37.9573, 6.2942, -20.2637 by changing the saturation by 10% instead.

■ 37.9573, 6.2942,
-20.2637

■ 37.9573, 6.2942,
-20.2637

■ 148.2414, 4.8701,
-22.6294

■ 28.9915, 6.1191,
-19.7362

■ 58.1476, 6.3903,
-21.1855

■ 20.8692, 5.8393,
-19.2133

■ 69.2680, 6.3326,
-21.5611

■ 13.6901, 5.4301,
-18.8147

■ 81.0187, 6.2142,
-21.8773

■ 7.2992, 6.0789,
-20.1723

■ 93.3678, 6.0404,
-22.1352

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.2873, 5.8158,
-22.3371

0.0000, NaN, NaN

■ 119.7533, 5.5438,

0.0000, NaN, NaN

-22.4852

0.0000, NaN, NaN

133.7444, 5.2278,
-22.5818

■ 37.9573, 6.2942,
-20.2637

■ 37.9573, 6.2942,
-20.2637

■ 33.2063, 9.8993,
-29.3900

■ 42.9430, 3.0918,
-12.1670

■ 28.7441, 14.0212,
-39.8331

■ 48.1217, 0.1990,
-4.8638

■ 24.6533, 18.7682,
-51.8602

■ 53.4654, -2.4574,
1.8326

■ 21.0527, 24.1629,
-65.5084

■ 58.9529, -4.9323,
8.0627

■ 18.1064, 29.9387,
-80.0621

■ 64.5679, -7.2672,
13.9322

■ 16.0062, 35.2418,
-93.3011

■ 70.2977, -9.4930,
19.5209

■ 14.8543, 38.6494,
-101.9994

■ 76.1322, -11.6334,
24.8895

■ 82.0629, -13.7066,
30.0845

■ 88.0829, -15.7266,
35.1421

Harmonies

Analogous

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



37.9580, -4.3932, -22.4921



37.9573, 6.2942, -20.2637



37.9580, 15.6024, -11.3858

Triad

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



37.9580, 6.2938, -20.2628



37.9580, 10.8864, 14.4889



37.9580, -20.1264, 4.2750

Complementary

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



37.9573, 6.2942, -20.2637



53.0125, -8.6079, 18.7449

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.



37.9580, -16.9308, 11.8924



37.9573, 6.2942, -20.2637



37.9580, 0.3979, 16.6562

Square

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



37.9580, 6.2938, -20.2628



37.9580, 18.4495, 8.9054



37.9580, -9.6883, 15.8560



37.9580, -18.9137, -6.3434

Rectangle

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



37.9573, 6.2942, -20.2637



37.9580, 19.3863, -3.9342



37.9580, -9.6883, 15.8560



37.9580, -19.5448, 7.2231

Sweetspot

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



37.9580, 6.2938, -20.2628



65.0118, -0.3032, -5.0291



51.0252, -15.2034, -0.6297



30.6339, 0.0773, -2.9633



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.9580, 6.2938, -20.2628



45.9637, 11.6494, -35.2406



39.5627, 12.6923, -17.3870



23.7730, -0.2399, -1.4910



13.7474, 35.6382, -94.1155



1.6451, 3.4401, -9.4823

Inverse Universe

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



40.6978, 13.2755, 6.9964



50.5574, 22.7138, 10.6671



51.5368, -15.5386, 17.3199



24.1190, 0.7571, 1.9326



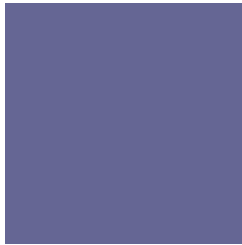
23.2037, 39.7648, 14.7792



2.5748, 4.4279, 1.5206

Previews

White Background



This preview shows how the HunterLab color 37.9573, 6.2942, -20.2637 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 37.9573, 6.2942, -20.2637 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 37.9573, 6.2942, -20.2637 Background



This preview shows how black text looks on a background with the HunterLab color 37.9573, 6.2942, -20.2637.



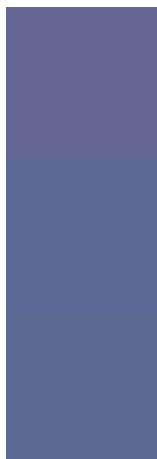
This preview shows how white text looks on a background with the HunterLab color 37.9573, 6.2942, -20.2637.

-20.2637.

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

37.9573, 6.2942, -20.2637

Protanopia

37.9183, 3.6386, -21.6884

Deuteranopia

38.0592, 2.4887, -19.5066



Tritanopia

37.9330, -4.3173, -3.0064

Trichromacy



Original Color

37.9573, 6.2942, -20.2637

Protanomaly

37.8197, 4.5853, -21.1910

Deuteranomaly

38.0001, 3.6598, -19.5894

Tritanomaly

37.9578, -0.6837, -8.5217

Monochromacy



Original Color

37.9573, 6.2942, -20.2637

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.0940, 0.7643, -5.1705

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9573, 6.2942, -20.2637 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(101, 102, 148)` looks like.

```
.text, #text, p{  
    color:rgb(101, 102, 148)  
}
```

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(101, 102, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 102, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9573, 6.2942, -20.2637 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(101, 102, 148) }
```


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

```
.border{ border-color:rgb(101, 102, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 102, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 102, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 102, 148);  
box-shadow:4px 4px 4px 4px rgb(101, 102,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9573, 6.2942, -20.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 102, 148) }
```

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

```
.background{ background-color: rgb(101,  
102, 148) }
```

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