

Converting Colors

HunterLab(51.0978, -13.2514,
3.5938)

Have a look what the booklet for
HunterLab(51.0978, -13.2514,
3.5938) contains.

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Color

**HunterLab(51.2357,
-13.4052, 3.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	729389
RGB	114, 147, 137
RGB Percent	45%, 58%, 54%
CMY	0.5529, 0.4235, 0.4627
CMYK	0.22, 0.00, 0.07, 0.42
HSL	162°, 13%, 51%
HSV	162°, 22%, 58%
XYZ	21.8885, 26.2510, 27.5802
YIQ	135.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

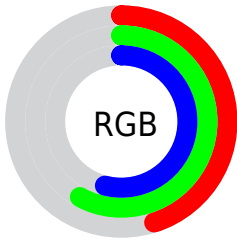
Format	Color
RYB	114, 133, 147
Decimal	7508873
CIELab	58.28, -13.67, 1.52
CIElCh	58, 13.758, 173.673
Yxy	26.2521, 0.2891, 0.3467
Android (android.graphics.Color)	4285698953 (0xFF729389)
YUV	135.9930, 0.4965, -19.2879
Hunter-Lab	51.2357, -13.4052, 3.9492

Details

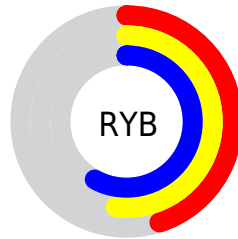
The HunterLab color $51.2357, -13.4052, 3.9492$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.3775, 9.5792, 2.0347$, and the grayscale version is $49.6196, -2.6476, 2.6959$.

A 20% lighter version of the original color is $73.2106, -16.1901, 5.3764$, and $31.9025, -10.6027, 2.7150$ is the 20% darker color. If you saturate the color by 10%, you get $50.2185, -17.4504, 4.6340$, and if you desaturate by 10%, it is $52.3917, -8.9493, 3.4077$.

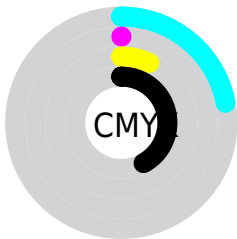
Distribution



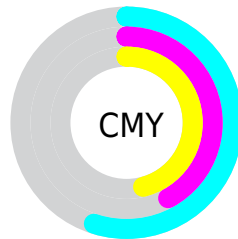
- Red (45%)
- Green (58%)
- Blue (54%)



- Red (45%)
- Yellow (52%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2357, -13.4052, 3.9492 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 51.2357, -13.4052, 3.9492 by changing the saturation by 10% instead.

■ 51.2357, -13.4052,
3.9492

■ 51.2357, -13.4052,
3.9492

168.5281,
-25.2482, 10.9113

■ 41.2460, -12.0615,
3.3231

■ 73.2675, -16.0445,
5.2994

■ 32.0051, -10.6852,
2.7302

■ 85.2288, -17.3522,
6.0195

■ 23.5808, -9.2577,
2.1727

■ 97.7784, -18.6583,
6.7684

■ 16.0616, -7.7456,
1.6520

■ 110.8898,
-19.9657, 7.5449

■ 9.5734, -6.7415,
1.1799

124.5398,
-21.2769, 8.3483

0.0000, NaN, NaN

138.7082,

0.0000, NaN, NaN

-22.5934, 9.1777

0.0000, NaN, NaN

153.3764,
-23.9169, 10.0322

0.0000, NaN, NaN

■ 51.2357, -13.4052,
3.9492

■ 51.2357, -13.4052,
3.9492

■ 50.2185, -17.4504,
4.6340

■ 52.3917, -8.9493,
3.4077

■ 49.3375, -21.0493,
5.4539

■ 53.6810, -4.1182,
3.0101

■ 48.5930, -24.1779,
6.4004

■ 55.1015, 1.0467,
2.7571

■ 47.9818, -26.8215,
7.4606

■ 56.6487, 6.5041,
2.6461

■ 47.4985, -28.9788,
8.6185

■ 58.3177, 12.2138,
2.6726

■ 47.1349, -30.6639,
9.8547

■ 60.1032, 18.1383,
2.8308

■ 46.8796, -31.9105,
11.1471

■ 61.9996, 24.2429,
3.1135

■ 46.7297, -32.6735,
12.1247

■ 64.0010, 30.4970,
3.5133

■ 66.1018, 36.8734,
4.0222

Harmonies

Analogous

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



51.2368, -11.4563, 8.7108



51.2357, -13.4052, 3.9492



51.2368, -12.6016, -1.6787

Triad

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



51.2368, -13.4060, 3.9499



51.2368, 1.8411, -7.9667



51.2368, 4.0726, 10.6557

Complementary

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



51.2357, -13.4052, 3.9492



44.3775, 9.5792, 2.0347

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.



51.2368, 7.9363, 6.8874



51.2357, -13.4052, 3.9492



51.2368, 6.6082, -3.9367

Square

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



51.2368, -13.4060, 3.9499



51.2368, -3.9658, -8.9784



51.2368, 8.8843, 1.6002



51.2368, -1.4958, 12.2935

Rectangle

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



51.2357, -13.4052, 3.9492



51.2368, -10.5930, -5.1323



51.2368, 8.8843, 1.6002



51.2368, 5.6236, 9.6179

Sweetspot

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



51.2368, -13.4060, 3.9499



71.0039, -8.6048, 4.2537



51.3830, -14.0182, 13.0468



33.8824, -4.2693, 2.0453



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.



51.2368, -13.4060, 3.9499



67.8464, -20.7751, 5.7298



49.7192, -9.0152, -2.4400



25.5589, -3.5932, 1.5796



43.5142, -30.3899, 11.2140



4.8683, -3.0322, 0.4607

Inverse Universe

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



44.3775, 9.5792, 2.0347



56.6810, 16.7269, 2.6605



45.6767, 5.2313, 7.5727



24.1715, 1.0398, 1.1834



23.5435, 41.0210, 9.7719



2.6943, 4.8656, -0.2080

Previews

White Background



This preview shows how the HunterLab color 51.2357, -13.4052, 3.9492 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.2357, -13.4052, 3.9492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

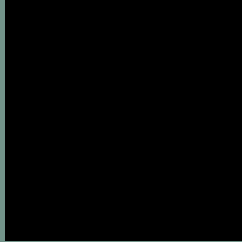
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.2357, -13.4052, 3.9492 Background



This preview shows how black text looks on a background with the HunterLab color 51.2357, -13.4052, 3.9492.



This preview shows how white text looks on a background with the HunterLab color 51.2357,

-13.4052, 3.9492.

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

51.2357, -13.4052, 3.9492

Protanopia

51.0764, -2.1269, 5.6771

Deuteranopia

50.9552, 3.5235, 3.0385



Tritanopia

51.1843, -7.8099, -5.0305

Trichromacy



Original Color

51.2357, -13.4052, 3.9492

Protanomaly

51.0429, -6.6233, 5.1381

Deuteranomaly

50.7831, -2.8682, 3.1694

Tritanomaly

51.1885, -9.7727, -1.5629

Monochromacy



Original Color

51.2357, -13.4052, 3.9492

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1228, -6.7885, 3.2139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2357, -13.4052, 3.9492 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(114, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 137)  
}
```

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(114, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2357, -13.4052, 3.9492 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(114, 147, 137) }
```


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

```
.border{ border-color:rgb(114, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2357, -13.4052, 3.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 137) }
```

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

```
.background{ background-color: rgb(114,  
147, 137) }
```

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](#).

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