

Converting Colors

HunterLab(37.5047, -3.4027,
-37.7391)

Have a look what the booklet for
HunterLab(37.5047, -3.4027,
-37.7391) contains.

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Color

**HunterLab(37.4122, -3.2052,
-38.0613)**

Conversions

Conversions Part 1

Format	Color
Hex	116DAB
RGB	17, 109, 171
RGB Percent	7%, 43%, 67%
CMY	0.9332, 0.5725, 0.3294
CMYK	0.90, 0.36, 0.00, 0.33
HSL	204°, 82%, 37%
HSV	204°, 90%, 67%
XYZ	13.0505, 13.9967, 40.5419
YIQ	88.5600, -74.7340, -0.2220

Conversions

Conversions Part 2

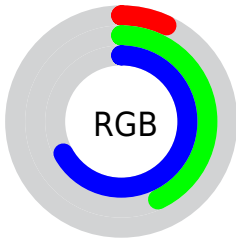
Format	Color
RYB	17, 75, 171
Decimal	1142187
CIELab	44.23, -1.66, -40.04
CIELCh	44, 40.075, 267.633
Yxy	13.9972, 0.1931, 0.2071
Android (android.graphics.Color)	4279332267 (0xFF116DAB)
YUV	88.5600, 40.6429, -62.7581
Hunter-Lab	37.4122, -3.2052, -38.0613

Details

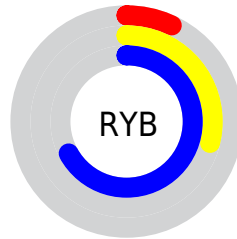
The HunterLab color **37.4122, -3.2052, -38.0613** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **37.8069, 26.8186, 22.9329**, and the grayscale version is **31.3225, -1.6713, 1.7018**.

A 20% lighter version of the original color is **57.5042, -4.2431, -39.5704**, and **21.8020, 2.7230, -33.1287** is the 20% darker color. If you saturate the color by 10%, you get **35.3157, -0.5603, -42.9321**, and if you desaturate by 10%, it is **39.6826, -5.3597, -33.2072**.

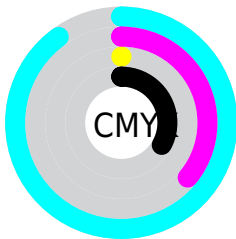
Distribution



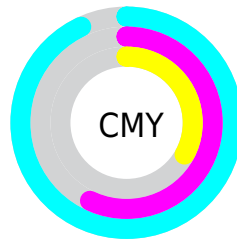
- Red (7%)
- Green (43%)
- Blue (67%)



- Red (7%)
- Yellow (29%)
- Blue (67%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4122, -3.2052, -38.0613 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 37.4122, -3.2052, -38.0613 by changing the saturation by 10% instead.

■ 37.4122, -3.2052,
-38.0613

■ 37.4122, -3.2052,
-38.0613

■ 147.3816, -9.7843,
-43.2757

■ 28.4933, -2.6221,
-37.5786

■ 57.5187, -4.4666,
-39.3500

■ 20.4230, -2.0736,
-37.4406

■ 68.6011, -5.1437,
-40.0194

■ 13.3029, -1.5597,
-38.1702

■ 80.3160, -5.8499,
-40.6662

■ 6.8422, -1.4195,
-44.8035

■ 92.6309, -6.5842,
-41.2775

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.5179, -7.3456,
-41.8467

0.0000, NaN, NaN

■ 118.9526, -8.1333,

0.0000, NaN, NaN

-42.3702

0.0000, NaN, NaN

132.9135, -8.9464,
-42.8466

■ 37.4122, -3.2052,
-38.0613

■ 37.4122, -3.2052,
-38.0613

■ 35.3157, -0.5603,
-42.9321

■ 39.6826, -5.3597,
-33.2072

■ 42.1417, -6.9006,
-28.3596

■ 44.7829, -7.8424,
-23.5517

■ 47.5951, -8.2227,
-18.8116

■ 50.5661, -8.0891,
-14.1585

■ 53.6835, -7.4931,
-9.6038

■ 56.9354, -6.4846,
-5.1520

■ 60.3107, -5.1107,
-0.8026

■ 63.7994, -3.4135,
3.4480

Harmonies

Analogous

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



37.4128, -16.4701, -30.1174



37.4122, -3.2052, -38.0613



37.4128, 12.6349, -32.1724

Triad

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



37.4128, -3.2046, -38.0605



37.4128, 27.7681, 12.8230



37.4128, -23.7301, 14.1264

Complementary

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



37.4122, -3.2052, -38.0613



37.8069, 26.8186, 22.9329

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.



37.4128, -14.6792, 19.3051



37.4122, -3.2052, -38.0613



37.4128, 15.0745, 18.7927

Square

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



37.4128, -3.2046, -38.0605



37.4128, 32.1349, 0.8631



37.4128, -0.7765, 20.5871



37.4128, -27.0714, 3.1730

Rectangle

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



37.4122, -3.2052, -38.0613



37.4128, 22.2916, -22.1325



37.4128, -0.7765, 20.5871



37.4128, -21.3339, 16.4043

Sweetspot

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



37.4128, -3.2046, -38.0605



72.9435, -9.7311, -11.3090



54.5933, -42.5970, 24.9408



33.7792, -4.7722, -6.2777



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.4128, -3.2046, -38.0605



46.8085, 0.0237, -58.5577



20.2866, 35.8594, -99.4756



29.1937, -2.4087, -0.2353



30.8337, -0.7763, -36.8636



6.0661, -1.5728, -4.1869

Inverse Universe

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



31.8806, 54.8225, -6.3030



41.4562, 75.0481, -4.6301



56.8703, -9.3854, 34.3251



28.4476, 1.6597, 0.4138



26.9496, 48.8829, -3.7555



4.6097, 8.5650, -2.2212

Previews

White Background



This preview shows how the HunterLab color 37.4122, -3.2052, -38.0613 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 37.4122, -3.2052, -38.0613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

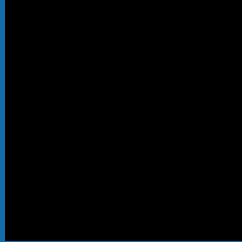
Any Text WCAG AA × Fail

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 37.4122, -3.2052, -38.0613 Background



This preview shows how black text looks on a background with the HunterLab color 37.4122, -3.2052, -38.0613.



This preview shows how white text looks on a background with the HunterLab color 37.4122, -3.2052, -38.0613.

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

37.4122, -3.2052, -38.0613

Protanopia

37.3160, 5.7372, -33.4649

Deuteranopia

37.4731, 2.8315, -38.6125



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.4122, -3.2052, -38.0613

Protanomaly

37.0986, 1.0624, -35.5495

Deuteranomaly

37.1781, 0.4228, -39.3266

Tritanomaly

37.1107, -13.0545, -17.6208

Monochromacy



Original Color

37.4122, -3.2052, -38.0613

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.7939, -5.3397, -11.4399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4122, -3.2052, -38.0613 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(17, 109, 171)` looks like.

```
.text, #text, p{  
    color:rgb(17, 109, 171)  
}
```

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(17, 109, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 109, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4122, -3.2052, -38.0613 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(17, 109, 171) }
```


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

```
.border{ border-color:rgb(17, 109, 171) }
```

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

Here you see how a box with a 4 pixel rgb(17, 109, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 109, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 109, 171);  
box-shadow:4px 4px 4px 4px rgb(17, 109,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4122, -3.2052, -38.0613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 109, 171) }
```

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

```
.background{ background-color: rgb(17, 109,  
171) }
```

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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