

Converting Colors

HunterLab(37.6122, -0.7695,
-44.0654)

Have a look what the booklet for
HunterLab(37.6122, -0.7695,
-44.0654) contains.

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Color

**HunterLab(37.5038, -0.5918,
-44.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	0D6CB3
RGB	13, 108, 179
RGB Percent	5%, 42%, 70%
CMY	0.9489, 0.5765, 0.2980
CMYK	0.93, 0.40, 0.00, 0.30
HSL	206°, 86%, 38%
HSV	206°, 93%, 70%
XYZ	13.6652, 14.0654, 44.6425
YIQ	87.6890, -79.4110, 1.9410

Conversions

Conversions Part 2

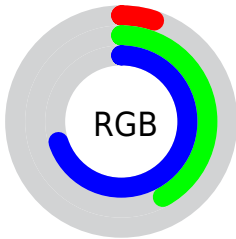
Format	Color
R_{YB}	13, 73, 179
Decimal	879795
CIE _{Lab}	44.33, 1.91, -44.57
CIE _{LCh}	44, 44.609, 272.453
Yxy	14.0658, 0.1888, 0.1943
Android (android.graphics.Color)	4279069875 (0xFF0D6CB3)
YUV	87.6890, 45.0163, -65.5023
Hunter-Lab	37.5038, -0.5918, -44.3229

Details

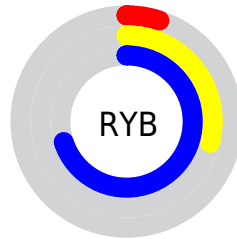
The HunterLab color **37.5038, -0.5918, -44.3229** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.9476, 27.6627, 24.5332**, and the grayscale version is **30.9890, -1.6535, 1.6837**.

A 20% lighter version of the original color is **57.5970, -1.5930, -45.4445**, and **22.0087, 5.5619, -39.5155** is the 20% darker color. If you saturate the color by 10%, you get **35.8352, 1.6955, -48.4510**, and if you desaturate by 10%, it is **39.9462, -3.2995, -38.7434**.

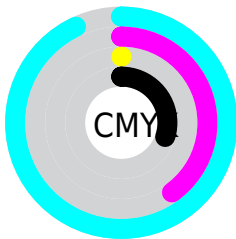
Distribution



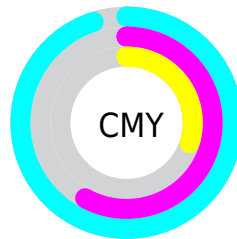
- Red (5%)
- Green (42%)
- Blue (70%)



- Red (5%)
- Yellow (29%)
- Blue (70%)



- Cyan (93%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (95%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5038, -0.5918, -44.3229 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 37.5038, -0.5918, -44.3229 by changing the saturation by 10% instead.

■ 37.5038, -0.5918,
-44.3229

■ 37.5038, -0.5918,
-44.3229

■ 147.5262, -5.6602,
-50.0317

■ 28.5770, -0.2347,
-43.9716

■ 57.6244, -1.4513,
-45.5733

■ 20.4979, 0.0639,
-44.1263

■ 68.7132, -1.9463,
-46.2811

■ 13.3678, 0.2945,
-45.4918

■ 80.4342, -2.4803,
-46.9869

■ 6.9213, 0.8325,
-53.9912

■ 92.7548, -3.0508,
-47.6713

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.6473, -3.6557,
-48.3230

0.0000, NaN, -NF

■ 119.0872, -4.2932,

0.0000, NaN, NaN

-48.9356

0.0000, NaN, NaN

133.0532, -4.9618,
-49.5057

■ 37.5038, -0.5918,
-44.3229

■ 37.5038, -0.5918,
-44.3229

■ 35.8352, 1.6955,
-48.4510

■ 39.9462, -3.2995,
-38.7434

■ 42.6002, -5.3407,
-33.2002

■ 45.4574, -6.7264,
-27.7330

■ 48.5047, -7.4964,
-22.3741

■ 51.7272, -7.7046,
-17.1443

■ 55.1104, -7.4086,
-12.0535

■ 58.6403, -6.6652,
-7.1034

■ 62.3042, -5.5271,
-2.2900

■ 66.0907, -4.0413,
2.3943

Harmonies

Analogous

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



37.5044, -15.9780, -37.4126



37.5038, -0.5918, -44.3229



37.5044, 17.2368, -34.9058

Triad

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



37.5044, -0.5910, -44.3220



37.5044, 29.8231, 15.2058



37.5044, -26.8456, 13.7796

Complementary

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



37.5038, -0.5918, -44.3229



39.9476, 27.6627, 24.5332

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.



37.5044, -18.0077, 19.9625



37.5038, -0.5918, -44.3229



37.5044, 14.3748, 20.4900

Square

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



37.5044, -0.5910, -44.3220



37.5044, 36.6420, 3.3506



37.5044, -3.3947, 21.7334



37.5044, -29.4332, 0.6833

Rectangle

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



37.5038, -0.5918, -44.3229



37.5044, 27.6524, -22.3364



37.5044, -3.3947, 21.7334



37.5044, -24.5957, 16.4960

Sweetspot

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



37.5044, -0.5910, -44.3220



75.7364, -9.5610, -13.2938



57.3918, -45.0224, 26.2918



34.7087, -4.6677, -7.6013



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



37.5044, -0.5910, -44.3220



47.4813, 3.1119, -66.0652



20.2927, 40.9437, -111.3854



30.0173, -2.3882, -0.3222



30.3407, 1.0445, -40.1779



6.3450, -1.3692, -4.9749

Inverse Universe

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



33.0985, 57.7124, -4.0090



43.4185, 78.2418, -2.0706



60.4851, -10.9722, 36.7043



29.2985, 1.6911, 0.5086



27.3303, 49.3546, -2.1123



4.9641, 9.1727, -1.9979

Previews

White Background



This preview shows how the HunterLab color 37.5038, -0.5918, -44.3229 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 37.5038, -0.5918, -44.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

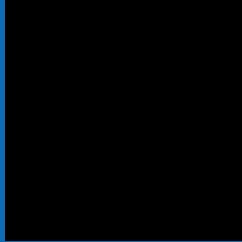
Any Text WCAG AA × Fail

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 37.5038, -0.5918, -44.3229 Background



This preview shows how black text looks on a background with the HunterLab color 37.5038, -0.5918, -44.3229.



This preview shows how white text looks on a background with the HunterLab color 37.5038, -0.5918, -44.3229.

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

37.5038, -0.5918, -44.3229

Protanopia

37.4376, 6.9370, -39.4216

Deuteranopia

37.6931, 3.0092, -44.6418



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.5038, -0.5918, -44.3229

Protanomaly

37.0484, 3.1204, -42.0220

Deuteranomaly

37.6404, 1.4172, -44.7972

Tritanomaly

37.2238, -12.3848, -19.3065

Monochromacy



Original Color

37.5038, -0.5918, -44.3229

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.4915, -4.8462, -13.0725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5038, -0.5918, -44.3229 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(13, 108, 179)` looks like.

```
.text, #text, p{  
    color:rgb(13, 108, 179)  
}
```

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(13, 108, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 108, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5038, -0.5918, -44.3229 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(13, 108, 179) }
```


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

```
.border{ border-color:rgb(13, 108, 179) }
```

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

Here you see how a box with a 4 pixel rgb(13, 108, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 108, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 108, 179);  
box-shadow:4px 4px 4px 4px rgb(13, 108,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5038, -0.5918, -44.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 108, 179) }
```

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

```
.background{ background-color: rgb(13, 108,  
179) }
```

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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