

Converting Colors

HunterLab(70.1802, -23.1809,
42.6274)

Have a look what the booklet for
HunterLab(70.1802, -23.1809,
42.6274) contains.

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Color

**HunterLab(70.0837,
-23.0787, 42.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C309
RGB	183, 195, 9
RGB Percent	72%, 76%, 4%
CMY	0.2824, 0.2353, 0.9646
CMYK	0.06, 0.00, 0.95, 0.24
HSL	64°, 91%, 40%
HSV	64°, 95%, 76%
XYZ	39.0929, 49.1173, 7.6786
YIQ	170.2080, 52.5540, -60.3900

Conversions

Conversions Part 2

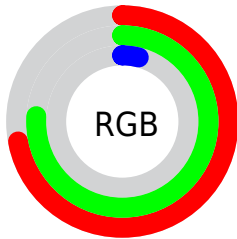
Format	Color
R_YB	9, 195, 21
Decimal	12043017
CIE Lab	75.53, -22.66, 75.17
CIE LCh	76, 78.511, 106.778
Yxy	49.1195, 0.4077, 0.5122
Android (android.graphics.Color)	4290233097 (0xFFB7C309)
YUV	170.2080, -79.4755, 11.2186
Hunter-Lab	70.0837, -23.0787, 42.5626

Details

The HunterLab color **70.0837, -23.0787, 42.5626** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **20.7266, 52.0773, -134.0163**, and the grayscale version is **63.7927, -3.4038, 3.4660**.

A 20% lighter version of the original color is **94.1833, -26.2805, 52.1649**, and **48.6888, -18.7366, 29.6738** is the 20% darker color. If you saturate the color by 10%, you get **70.0203, -23.3533, 42.7374**, and if you desaturate by 10%, it is **70.2433, -22.3939, 41.9364**.

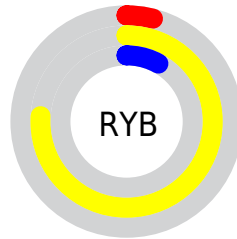
Distribution



Red (72%)

Green (76%)

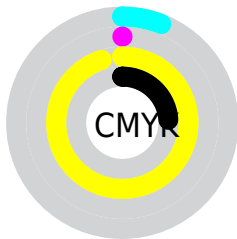
Blue (4%)



Red (4%)

Yellow (76%)

Blue (8%)

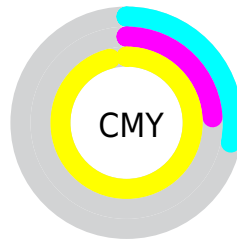


Cyan (6%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0837, -23.0787, 42.5626 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 70.0837, -23.0787, 42.5626 by changing the saturation by 10% instead.

70.0837, -23.0787,
42.5626

70.0837, -23.0787,
42.5626

195.7582,
-38.4873, 81.5938

58.9188, -21.2669,
37.4134

94.2703, -26.6062,
52.2384

48.4179, -19.4025,
32.0319

107.2296,
-28.3335, 56.8082

38.6275, -17.4697,
26.6827

120.7337,
-30.0451, 61.2267

29.6038, -15.4412,
20.7227

134.7614,
-31.7450, 65.5116

21.4184, -13.2732,
14.9929

149.2939,
-33.4368, 69.6784

14.1680, -10.8893,
9.9176

164.3142,

7.8213, -13.0442,

-35.1230, 73.7402

5.4749

179.8070,
-36.8059, 77.7087

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0837, -23.0787,
42.5626

■ 70.0837, -23.0787,
42.5626

■ 70.0203, -23.3533,
42.7374

■ 70.2433, -22.3939,
41.9364

■ 70.4449, -21.4596,
40.6766

■ 70.6970, -20.2412,
38.6862

■ 71.0048, -18.7115,
35.8919

■ 71.3726, -16.8499,

32.2382

■ 71.8039, -14.6418,
27.6835

■ 72.3014, -12.0771,
22.1987

■ 72.8675, -9.1503,
15.7662

■ 73.5039, -5.8598,
8.3784

Harmonies

Analogous

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



70.0853, 13.2446, 42.8559



70.0837, -23.0787, 42.5626



70.0853, -48.3353, 36.0947

Triad

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



70.0853, -23.0810, 42.5630



70.0853, -46.0351, -65.3932



70.0853, 79.6193, -13.4559

Complementary

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



70.0837, -23.0787, 42.5626



20.7266, 52.0773, -134.0163

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.



70.0853, 55.8528, -59.9801



70.0837, -23.0787, 42.5626



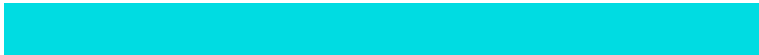
70.0853, -19.2530, -98.9085

Square

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



70.0853, -23.0810, 42.5630



70.0853, -59.5841, -18.6125



70.0853, 17.9488, -96.5319



70.0853, 77.9990, 20.6431

Rectangle

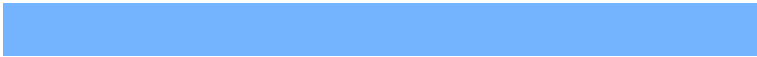
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0837, -23.0787, 42.5626



70.0853, -57.7787, 25.5605



70.0853, 17.9488, -96.5319



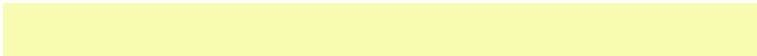
70.0853, 74.1551, -28.3779

Sweetspot

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



70.0853, -23.0810, 42.5630



96.4750, -17.6192, 32.8511



34.7356, 56.2645, 21.9468



45.0136, -8.9315, 16.8350

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0853, -23.0810, 42.5630



93.6819, -31.3381, 57.1777



64.3153, -45.8009, 38.5902



34.2406, -3.3736, 5.3486



56.4607, -18.7796, 34.4621



11.7793, -3.7416, 7.1929

Inverse Universe

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



20.7266, 52.0773, -134.0163



26.7762, 72.2091, -186.9908



27.4518, 59.5320, -93.5581



31.2703, 0.0033, -2.1279



16.2105, 43.5581, -111.9821



3.5278, 9.1779, -22.0326

Previews

White Background



This preview shows how the HunterLab color 70.0837, -23.0787, 42.5626 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 70.0837, -23.0787, 42.5626 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 ✓ Pass

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

HunterLab 70.0837, -23.0787, 42.5626 Background



This preview shows how black text looks on a background with the HunterLab color 70.0837, -23.0787, 42.5626.



This preview shows how white text looks on a background with the HunterLab color 70.0837, -23.0787, 42.5626.

-23.0787, 42.5626.

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

70.0837, -23.0787, 42.5626

Protanopia

69.8709, -9.5162, 42.8875

Deuteranopia

69.7477, 5.1804, 41.9073



Tritanopia

69.9311, 4.0048, -1.1165

Trichromacy



Original Color

70.0837, -23.0787, 42.5626

Protanomaly

69.7719, -14.5650, 42.6649

Deuteranomaly

69.5557, -5.9247, 42.0196

Tritanomaly

69.1974, -9.6747, 24.9716

Monochromacy



Original Color

70.0837, -23.0787, 42.5626

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

65.1934, -13.6899, 26.2551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0837, -23.0787, 42.5626 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(183, 195, 9)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 9)  
}
```

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(183, 195, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0837, -23.0787, 42.5626 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(183, 195, 9) }
```


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

```
.border{ border-color:rgb(183, 195, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 9);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
9) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0837, -23.0787, 42.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 9) }
```

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

```
.background{ background-color: rgb(183,  
195, 9) }
```

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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